**Left Brain/Right Brain Comparison chart**

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| [dit this comparison chart](http://www.diffen.com/difference/Special:EditTable?diffenVal1=Left+Brain&diffenVal2=Right+Brain) | **Left Brain** | **Right Brain** |
| **Functions** | Speech and language, [logical analysis and reasoning](http://www.diffen.com/difference/Deductive_vs_Inductive), mathematical computations. | Spatial awareness, intuition, facial recognition, visual imagery, music awareness, art, rhythm. |
| **Traits** | Linear thinking, sequential processing, logical decision-making, reality-oriented. | Holistic thinking, random processing, intuitive decision-making, non-verbal processing, fantasy-oriented. |
| **Perceived personality traits** | Analytical, logical, pay attention to detail | Creative, artistic, open-minded. |
| **Overall Thinking** | Linear, detail-oriented - "details to whole" approach. | Holistic, big-picture oriented - "whole to details" approach. |
| **Thought process** | Sequential; verbal (process with words). | Random; non-verbal (process with visuals). |
| **Problem-solving** | Logical - order/pattern perception; emphasis on strategies. | Intuitive - spatial/abstract perception; emphasis on possibilities. |
| **Controls muscles on** | Right side of the body. | Left side of the body. |
| **Strengths** | Mathematics, analytics, reading, spelling, writing, sequencing, verbal and written language. | Multi-dimensional thinking, art, music, drawing, athletics, coordination, repairs, remembers faces, places, events. |
| **Difficulties** | Visualization, spatial/abstract thinking, | Following by sequence, understanding parts, organizing a large body of information, remembering names. |
| **When damaged** | Trouble speaking or understanding spoken or written words; slow, careful movements; inability to see things on the right side of the body. | Trouble with visual perception (understanding how far or near something is); neglect of left side of the body; inability to see things to the left; poor decision making; impulsiveness; short attention span; slow learning of new things. |