

Converting Colors

CIELCh(51, 56.247, 18.221)

Have a look what the booklet for
CIELCh(51, 56.247, 18.221) contains.

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Color

CIELCh(51, 56.318, 18.627)

Conversions

Conversions Part 1

Format	Color
Hex	D04C5E
RGB	208, 76, 94
RGB Percent	82%, 30%, 37%
CMY	0.1860, 0.7034, 0.6327
CMYK	0.00, 0.64, 0.55, 0.19
HSL	352°, 58%, 56%
HSV	352°, 64%, 81%
XYZ	30.4593, 19.2686, 12.6261
YIQ	117.5200, 72.8940, 33.5820

Conversions

Conversions Part 2

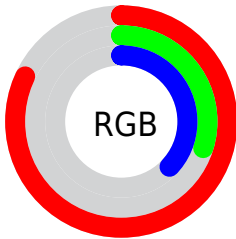
Format	Color
RYB	208, 76, 94
Decimal	13651038
CIELab	51.00, 53.37, 17.99
CIElCh	51, 56.318, 18.627
Yxy	19.2686, 0.4885, 0.3090
Android (android.graphics.Color)	4291841118 (0xFFD04C5E)
YUV	117.5200, -11.5954, 79.3510
Hunter-Lab	43.8960, 47.0425, 13.6732

Details

The CIELCh color **51, 56.318, 18.627** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **76, 40.039, 182.366**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 50.502, 17.251**, and **31, 56.347, 18.900** is the 20% darker color. If you saturate the color by 10%, you get **48, 64.915, 22.126**, and if you desaturate by 10%, it is **55, 47.160, 15.854**.

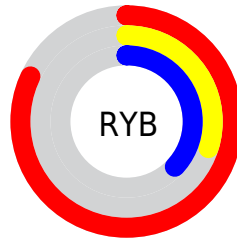
Distribution



Red (82%)

Green (30%)

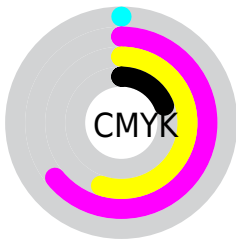
Blue (37%)



Red (82%)

Yellow (30%)

Blue (37%)

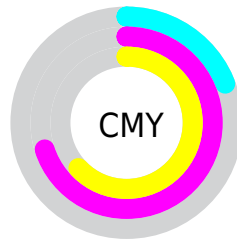


Cyan (0%)

Magenta (64%)

Yellow (55%)

Black (19%)



Cyan (19%)

Magenta (70%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 56.318, 18.627 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 51, 56.318, 18.627 by changing the saturation by 10% instead.

■ 51, 56.318, 18.627

■ 51, 56.318, 18.627

■ 100, 56.318,
18.627

■ 41, 56.318, 18.627

■ 71, 56.318, 18.627

■ 31, 56.318, 18.627

■ 81, 56.318, 18.627

■ 21, 56.318, 18.627

■ 91, 56.318, 18.627

■ 11, 56.318, 18.627

■ 1, 56.318, 18.627

■ 0, 56.318, 18.627

■ 51, 56.318, 18.627

■ 51, 56.318, 18.627

■ 48, 64.915, 22.126

■ 55, 47.160, 15.854

■ 45, 72.687, 26.389

■ 60, 37.783, 13.668

44, 79.462, 31.215

65, 28.484, 11.935

43, 83.345, 34.186

70, 19.477, 10.539

76, 10.890, 9.384

81, 2.778, 8.298

87, 4.848, 187.809

93, 12.008,
187.061

97, 15.760,
198.366

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



51, 56.318, 18.627



76, 40.039, 182.366

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51, 56.318, 18.627



51, 56.318, 68.627



51, 56.318, 198.627



51, 56.318, 248.627

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



51, 56.315, 18.629



87, 18.327, 10.013



52, 79.060, 322.842



45, 12.719, 10.359



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51, 56.315, 18.629



57, 78.957, 23.467



60, 48.950, 53.267



41, 4.524, 8.950



35, 70.714, 33.414



4, 20.100, 13.111

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



51, 56.315, 18.629



57, 78.957, 23.467



63, 33.413, 249.358



41, 4.524, 8.950



35, 70.714, 33.414



4, 20.100, 13.111

Previews

White Background



This preview shows how the CIELCh color 51, 56.318, 18.627 looks on a white background.

Color Contrast Check

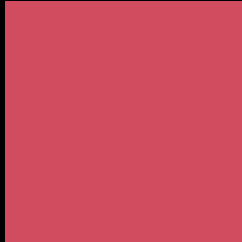
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 51, 56.318, 18.627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

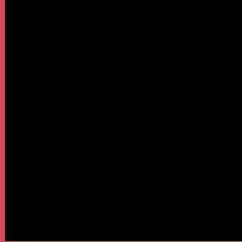
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 56.318, 18.627

Background



This preview shows how black text looks on a background with the CIELCh color 51, 56.318, 18.627.

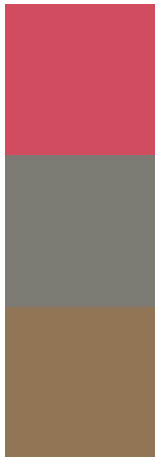


This preview shows how white text looks on a background with the CIELCh color 51, 56.318, 18.627.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

51, 56.318, 18.627

Protanopia

51, 3.833, 84.407

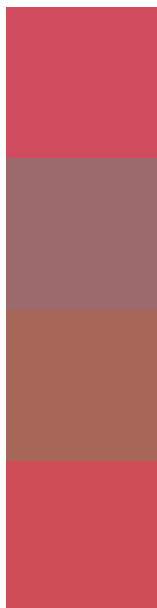
Deuteranopia

51, 21.712, 72.318



Tritanopia
51, 57.055, 25.982

Trichromacy



Original Color
51, 56.318, 18.627

Protanomaly
50, 21.907, 17.683

Deuteranomaly
50, 31.232, 36.582

Tritanomaly
51, 56.667, 23.403

Monochromacy



Original Color
51, 56.318, 18.627

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 20.735, 10.886

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 56.318, 18.627 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(208, 76, 94)` looks like.

```
.text, #text, p{  
    color:rgb(208, 76, 94)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(208, 76, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 76, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 56.318, 18.627 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 76, 94) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(208, 76, 94) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(208, 76, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 76, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 76, 94);  
box-shadow:4px 4px 4px 4px rgb(208, 76,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 56.318, 18.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 76, 94) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(208, 76,  
94) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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