

Converting Colors

CIELCh(55, 50.579, 17.966)

Have a look what the booklet for
CIELCh(55, 50.579, 17.966) contains.

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Color

CIELCh(55, 50.579, 17.966)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D45D6B |
| RGB | 212, 93, 107 |
| RGB Percent | 83%, 36%, 42% |
| CMY | 0.1681, 0.6348, 0.5800 |
| CMYK | 0.00, 0.56, 0.50, 0.17 |
| HSL | 353°, 58%, 60% |
| HSV | 353°, 56%, 83% |
| XYZ | 33.7738, 22.9298, 16.5858 |
| YIQ | 130.1770, 66.4300, 29.5820 |

Conversions

Conversions Part 2

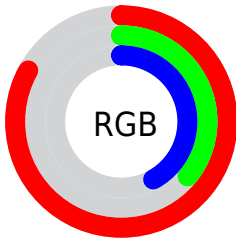
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 212, 93, 107 |
| Decimal | 13917547 |
| CIE Lab | 55.00, 48.11, 15.60 |
| CIE LCh | 55, 50.579, 17.966 |
| Yxy | 22.9298, 0.4608, 0.3129 |
| Android (android.graphics.Color) | 4292107627 (0xFFD45D6B) |
| YUV | 130.1770, -11.4263, 71.7588 |
| Hunter-Lab | 47.8851, 42.0987, 12.9835 |

Details

The CIELCh color **55, 50.579, 17.966** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **78, 36.867, 184.966**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 43.437, 16.182**, and **35, 50.800, 17.882** is the 20% darker color. If you saturate the color by 10%, you get **51, 59.951, 20.921**, and if you desaturate by 10%, it is **60, 40.941, 15.646**.

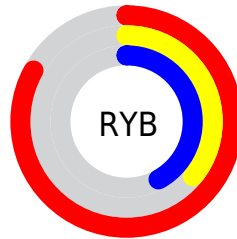
Distribution



Red (83%)

Green (36%)

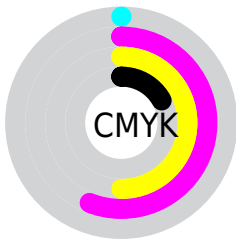
Blue (42%)



Red (83%)

Yellow (36%)

Blue (42%)

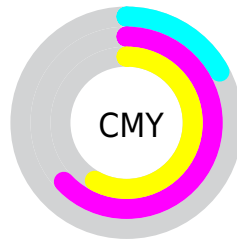


Cyan (0%)

Magenta (56%)

Yellow (50%)

Black (17%)



Cyan (17%)

Magenta (63%)

Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 50.579, 17.966 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 55, 50.579, 17.966 by changing the saturation by 10% instead.

 55, 50.579, 17.966

 55, 50.579, 17.966

 100, 50.579,
17.966

 45, 50.579, 17.966

 75, 50.579, 17.966

 35, 50.579, 17.966

 85, 50.579, 17.966

 25, 50.579, 17.966

 95, 50.579, 17.966

 15, 50.579, 17.966

 5, 50.579, 17.966

 0, 50.579, 17.966

 55, 50.579, 17.966

 55, 50.579, 17.966

 51, 59.951, 20.921

 60, 40.941, 15.646

 48, 68.732, 24.610

 65, 31.361, 13.815

46, 76.649, 29.004

70, 22.069, 12.355

45, 83.440, 33.727

76, 13.210, 11.165

44, 85.819, 35.350

81, 4.850, 10.128

87, 2.996, 189.622

93, 10.346,
188.807

97, 14.325,
198.551

Harmonies

Complementary

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



55, 50.579, 17.966



78, 36.867, 184.966

Rectangle

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



55, 50.579, 17.966



55, 50.579, 67.966



55, 50.579, 197.966



55, 50.579, 247.966

Sweetspot

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



55, 50.576, 17.969



89, 16.248, 11.283



56, 72.575, 323.180



46, 10.936, 11.511



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



55, 50.576, 17.969



60, 70.555, 21.462



64, 42.773, 55.259



42, 4.596, 10.470



35, 72.440, 34.619



5, 21.974, 14.527

Inverse Universe

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



55, 50.576, 17.969



60, 70.555, 21.462



66, 31.243, 249.549



42, 4.596, 10.470



35, 72.440, 34.619



5, 21.974, 14.527

Previews

White Background



This preview shows how the CIELCh color 55, 50.579, 17.966 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 CIELCh color 55, 50.579, 17.966 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 55, 50.579, 17.966

Background



This preview shows how black text looks on a background with the CIELCh color 55, 50.579, 17.966.



This preview shows how white text looks on a background with the CIELCh color 55, 50.579, 17.966.

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

55, 50.579, 17.966

Protanopia

55, 3.778, 84.468

Deuteranopia

55, 18.994, 68.298



Tritanopia
55, 50.872, 22.175

Trichromacy



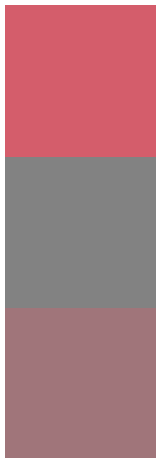
Original Color
55, 50.579, 17.966

Protanomaly
54, 19.357, 19.952

Deuteranomaly
55, 27.783, 35.166

Tritanomaly
55, 50.622, 20.931

Monochromacy



Original Color
55, 50.579, 17.966

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 18.072, 12.482

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 50.579, 17.966 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(212, 93, 107)` looks like.

```
.text, #text, p{  
    color:rgb(212, 93, 107)  
}
```

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(212, 93, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 93, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 50.579, 17.966 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(212, 93, 107) }
```

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

```
.border{ border-color:rgb(212, 93, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 93, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 93, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 93, 107); box-shadow:4px 4px 4px 4px rgb(212, 93, 107) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 50.579, 17.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 93, 107) }
```

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

```
.background{ background-color: rgb(212, 93,  
107) }
```

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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