

Converting Colors

CIELCh(55, 50.393, 10.922)

Have a look what the booklet for
CIELCh(55, 50.393, 10.922) contains.

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Color

CIELCh(55, 50.489, 11.166)

Conversions

Conversions Part 1

Format	Color
Hex	D45C75
RGB	212, 92, 117
RGB Percent	83%, 36%, 46%
CMY	0.1687, 0.6393, 0.5412
CMYK	0.00, 0.57, 0.45, 0.17
HSL	348°, 58%, 60%
HSV	348°, 57%, 83%
XYZ	34.1818, 22.9298, 19.4495
YIQ	130.7300, 63.4950, 33.2150

Conversions

Conversions Part 2

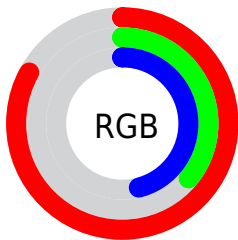
Format	Color
R_{YB}	212, 92, 117
Decimal	13917301
CIE _{Lab}	55.00, 49.53, 9.78
CIE _{LCh}	55, 50.489, 11.166
Yxy	22.9298, 0.4465, 0.2995
Android (android.graphics.Color)	4292107381 (0xFFD45C75)
YUV	130.7300, -6.7689, 71.2738
Hunter-Lab	47.8851, 43.6197, 9.4378

Details

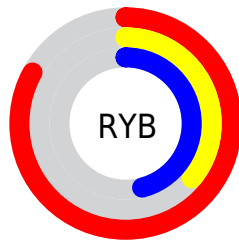
The CIELCh color **55, 50.489, 11.166** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **78, 39.725, 176.764**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 43.923, 7.968**, and **35, 50.357, 11.327** is the 20% darker color. If you saturate the color by 10%, you get **51, 59.071, 14.105**, and if you desaturate by 10%, it is **59, 41.362, 8.849**.

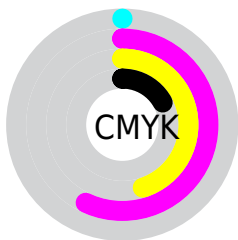
Distribution



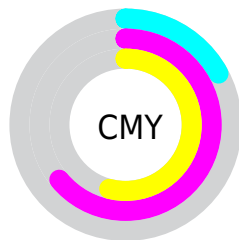
- Red (83%)
- Green (36%)
- Blue (46%)



- Red (83%)
- Yellow (36%)
- Blue (46%)



- Cyan (0%)
- Magenta (57%)
- Yellow (45%)
- Black (17%)



- Cyan (17%)
- Magenta (64%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 50.489, 11.166 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, 50.489, 11.166 by changing the saturation by 10% instead.

 55, 50.489, 11.166

 55, 50.489, 11.166

 100, 50.489,
11.166

 45, 50.489, 11.166

 75, 50.489, 11.166

 35, 50.489, 11.166

 85, 50.489, 11.166

 25, 50.489, 11.166

 95, 50.489, 11.166

 15, 50.489, 11.166

 5, 50.489, 11.166

 0, 50.489, 11.166

 55, 50.489, 11.166

 55, 50.489, 11.166

 51, 59.071, 14.105

 59, 41.362, 8.849

 48, 66.766, 17.810

 64, 32.057, 6.996

46, 73.366, 22.368

70, 22.853, 5.490

45, 78.938, 27.631

75, 13.934, 4.235

44, 80.783, 29.372

81, 5.403, 3.130

87, 2.697, 182.529

93, 10.363,
181.604

97, 14.644,
190.954

97, 14.373,
198.548

Harmonies

Complementary

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



55, 50.489, 11.166



78, 39.725, 176.764

Rectangle

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



55, 50.489, 11.166



55, 50.489, 61.166



55, 50.489, 191.166



55, 50.489, 241.166

Sweetspot

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



55, 50.486, 11.168



89, 16.597, 4.302



55, 72.418, 320.604



46, 11.156, 4.542



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, 50.486, 11.168



60, 69.875, 14.820



61, 44.344, 47.410



42, 4.717, 3.438



36, 68.269, 28.473



5, 22.068, 10.501

Inverse Universe

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



55, 50.486, 11.168



60, 69.875, 14.820



69, 29.890, 237.007



42, 4.717, 3.438



36, 68.269, 28.473



5, 22.068, 10.501

Previews

White Background



This preview shows how the CIELCh color 55, 50.489, 11.166 looks on a white background.

Color Contrast Check

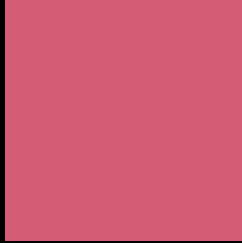
Large Text (above 18pt) WCAG AA ✓ Pass

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, 50.489, 11.166 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, 50.489, 11.166

Background



This preview shows how black text looks on a background with the CIELCh color 55, 50.489, 11.166.

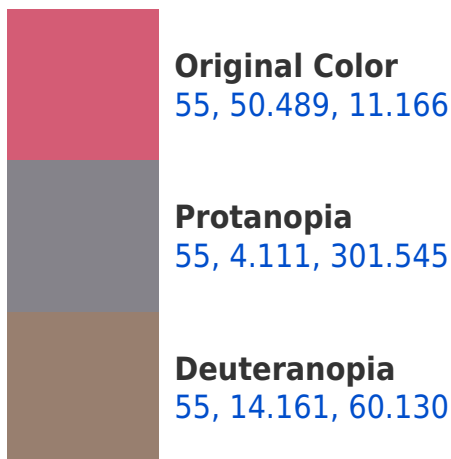


This preview shows how white text looks on a background with the CIELCh color 55, 50.489, 11.166.

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





Tritanopia
55, 50.107, 22.553

Trichromacy



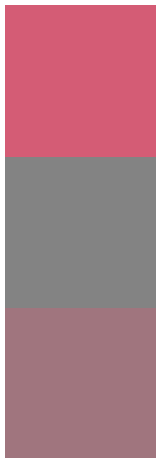
Original Color
55, 50.489, 11.166

Protanomaly
54, 19.685, 359.686

Deuteranomaly
54, 25.749, 23.670

Tritanomaly
55, 49.800, 18.277

Monochromacy



Original Color
55, 50.489, 11.166

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 18.354, 5.380

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 50.489, 11.166 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, 92, 117)` looks like.

```
.text, #text, p{  
    color:rgb(212, 92, 117)  
}
```

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, 92, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 92, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 50.489, 11.166 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, 92, 117) }
```

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

```
.border{ border-color:rgb(212, 92, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 92, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 92, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 92, 117); box-shadow:4px 4px 4px 4px rgb(212, 92, 117) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 50.489, 11.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 92, 117) }
```

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

```
.background{ background-color: rgb(212, 92,  
117) }
```

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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