

Converting Colors

CIELCh(50, 55.263, 6.302)

Have a look what the booklet for
CIELCh(50, 55.263, 6.302) contains.

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Color

CIELCh(50, 55.282, 6.388)

Conversions

Conversions Part 1

Format	Color
Hex	CB486F
RGB	203, 72, 111
RGB Percent	80%, 28%, 44%
CMY	0.2048, 0.7184, 0.5654
CMYK	0.00, 0.65, 0.45, 0.20
HSL	342°, 56%, 54%
HSV	342°, 65%, 80%
XYZ	29.7335, 18.4187, 16.9754
YIQ	115.6150, 65.5570, 39.9010

Conversions

Conversions Part 2

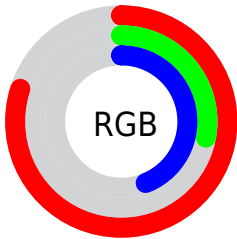
Format	Color
R_{YB}	203, 72, 111
Decimal	13322351
CIE _{Lab}	50.00, 54.94, 6.15
CIE _{LCh}	50, 55.282, 6.388
Yxy	18.4187, 0.4565, 0.2828
Android (android.graphics.Color)	4291512431 (0xFFCB486F)
YUV	115.6150, -2.2752, 76.6366
Hunter-Lab	42.9170, 48.5629, 6.5903

Details

The CIELCh color **50, 55.282, 6.388** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **74, 45.845, 168.597**, and the grayscale version is **49, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 52.270, 4.814**, and **30, 55.159, 6.293** is the 20% darker color. If you saturate the color by 10%, you get **47, 62.160, 9.654**, and if you desaturate by 10%, it is **54, 47.334, 3.812**.

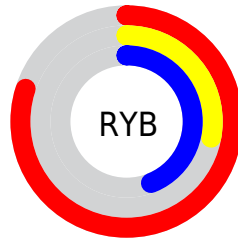
Distribution



Red (80%)

Green (28%)

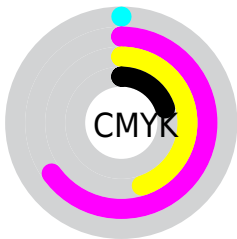
Blue (44%)



Red (80%)

Yellow (28%)

Blue (44%)

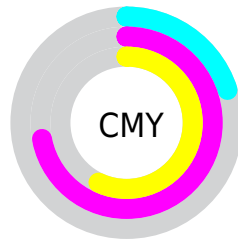


Cyan (0%)

Magenta (65%)

Yellow (45%)

Black (20%)



Cyan (20%)




Magenta (72%)









Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 55.282, 6.388 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 50, 55.282, 6.388 by changing the saturation by 10% instead.

 50, 55.282, 6.388	 50, 55.282, 6.388
 100, 55.282, 6.388	 40, 55.282, 6.388
 70, 55.282, 6.388	 30, 55.282, 6.388
 80, 55.282, 6.388	 20, 55.282, 6.388
 90, 55.282, 6.388	 10, 55.282, 6.388
	 0, 55.282, 6.388

 50, 55.282, 6.388	 50, 55.282, 6.388
 47, 62.160, 9.654	 54, 47.334, 3.812
 45, 67.703, 13.769	 58, 38.722, 1.755
 43, 71.936, 18.802	 63, 29.815, 0.083

43, 74.020, 21.701

68, 20.904,
358.691

74, 12.180,
357.502

79, 3.755, 356.401

85, 4.317, 175.756

90, 12.021,
174.898

96, 19.364,
174.178

Harmonies

Complementary

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



50, 55.282, 6.388



74, 45.845, 168.597

Rectangle

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



50, 55.282, 6.388



50, 55.282, 56.388



50, 55.282, 186.388



50, 55.282, 236.388

Sweetspot

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



50, 55.279, 6.390



87, 19.274, 358.036



48, 77.971, 318.190



45, 13.334, 358.385



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



50, 55.279, 6.390



57, 77.013, 11.376



54, 52.340, 40.865



40, 4.709, 356.937



35, 63.410, 20.793



4, 18.542, 5.005

Inverse Universe

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



50, 55.279, 6.390



57, 77.013, 11.376



67, 31.262, 225.295



40, 4.709, 356.937



35, 63.410, 20.793



4, 18.542, 5.005

Previews

White Background



This preview shows how the CIELCh color 50, 55.282, 6.388 looks on a white background.

Color Contrast Check

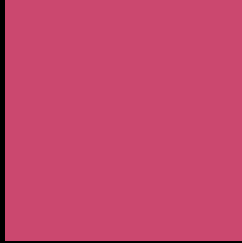
Large Text (above 18pt) WCAG AA ✓ Pass

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 50, 55.282, 6.388 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 50, 55.282, 6.388

Background



This preview shows how black text looks on a background with the CIELCh color 50, 55.282, 6.388.



This preview shows how white text looks on a background with the CIELCh color 50, 55.282, 6.388.

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

50, 55.282, 6.388

Protanopia

50, 10.561, 285.409

Deuteranopia

50, 10.768, 52.751



Tritanopia
50, 54.562, 25.522

Trichromacy



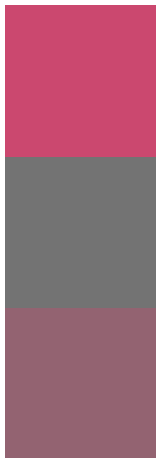
Original Color
50, 55.282, 6.388

Protanomaly
49, 23.416, 344.057

Deuteranomaly
49, 26.406, 12.984

Tritanomaly
50, 54.166, 18.968

Monochromacy



Original Color
50, 55.282, 6.388

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 21.537, 0.122

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 55.282, 6.388 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(203, 72, 111)` looks like.

```
.text, #text, p{  
  color:rgb(203, 72, 111)  
}
```

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(203, 72, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 72, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 55.282, 6.388 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(203, 72, 111) }
```

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

```
.border{ border-color:rgb(203, 72, 111) }
```

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

Here you see how a box with a 4 pixel rgb(203, 72, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 72, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 72, 111);  
box-shadow:4px 4px 4px 4px rgb(203, 72,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 55.282, 6.388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 72, 111) }
```

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

```
.background{ background-color: rgb(203, 72,  
111) }
```

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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