

Converting Colors

CIELCh(45, 57.613, 1.768)

Have a look what the booklet for
CIELCh(45, 57.613, 1.768) contains.

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Color

CIELCh(45, 57.613, 1.768)

Conversions

Conversions Part 1

Format	Color
Hex	BE366A
RGB	190, 54, 106
RGB Percent	75%, 21%, 42%
CMY	0.2563, 0.7896, 0.5854
CMYK	0.00, 0.72, 0.44, 0.26
HSL	337°, 56%, 48%
HSV	337°, 72%, 74%
XYZ	25.0369, 14.5417, 15.0441
YIQ	100.5920, 64.3640, 45.0040

Conversions

Conversions Part 2

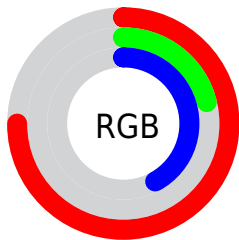
Format	Color
R_{YB}	190, 54, 106
Decimal	12465770
CIE _{Lab}	45.00, 57.59, 1.78
CIE _{LCh}	45, 57.613, 1.768
Yxy	14.5417, 0.4584, 0.2662
Android (android.graphics.Color)	4290655850 (0xFFBE366A)
YUV	100.5920, 2.6661, 78.4108
Hunter-Lab	38.1336, 50.4616, 3.3029

Details

The CIELCh color **45, 57.613, 1.768** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **69, 50.986, 161.643**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 57.432, 1.737**, and **27, 51.513, 5.274** is the 20% darker color. If you saturate the color by 10%, you get **43, 62.627, 5.141**, and if you desaturate by 10%, it is **48, 51.136, 359.109**.

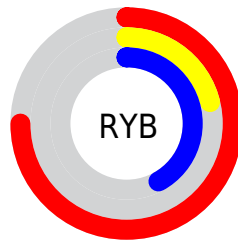
Distribution



Red (75%)

Green (21%)

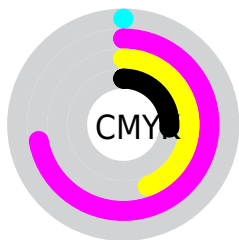
Blue (42%)



Red (75%)

Yellow (21%)

Blue (42%)

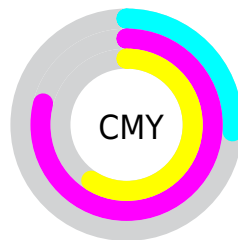


Cyan (0%)

Magenta (72%)

Yellow (44%)

Black (26%)



Cyan (26%)









Magenta (79%)



Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 57.613, 1.768 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 45, 57.613, 1.768 by changing the saturation by 10% instead.

 45, 57.613, 1.768	 45, 57.613, 1.768
 100, 57.613, 1.768	 35, 57.613, 1.768
 65, 57.613, 1.768	 25, 57.613, 1.768
 75, 57.613, 1.768	 15, 57.613, 1.768
 85, 57.613, 1.768	 5, 57.613, 1.768
 95, 57.613, 1.768	 0, 57.613, 1.768

 45, 57.613, 1.768	 45, 57.613, 1.768
 43, 62.627, 5.141	 48, 51.136, 359.109
 41, 66.060, 9.386	
 40, 68.139, 13.443	 52, 43.564, 356.988

56, 35.309,
355.263

61, 26.736,
353.826

66, 18.116,
352.599

71, 9.632, 351.522

76, 1.388, 350.325

81, 6.561, 169.870

87, 14.194,
169.086

Harmonies

Complementary

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



45, 57.613, 1.768



69, 50.986, 161.643

Rectangle

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



45, 57.613, 1.768



45, 57.613, 51.768



45, 57.613, 181.768



45, 57.613, 231.768

Sweetspot

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



45, 57.610, 1.769



83, 22.796, 352.674



41, 80.585, 315.766



43, 15.492, 352.996



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



45, 57.610, 1.769



54, 79.072, 7.443



46, 58.884, 36.426



37, 4.624, 351.280



33, 59.444, 12.633



3, 13.202, 358.288

Inverse Universe

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



45, 57.610, 1.769



54, 79.072, 7.443



65, 32.496, 212.922



37, 4.624, 351.280



33, 59.444, 12.633



3, 13.202, 358.288

Previews

White Background



This preview shows how the CIELCh color 45, 57.613, 1.768 looks on a white 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

Black Background



This preview shows how the CIELCh color 45, 57.613, 1.768 looks on a black 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

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

CIELCh 45, 57.613, 1.768

Background



This preview shows how black text looks on a background with the CIELCh color 45, 57.613, 1.768.

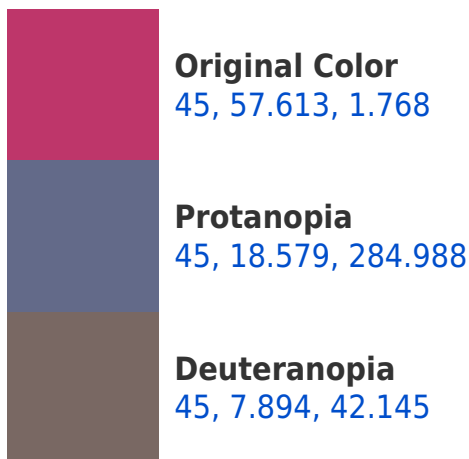


This preview shows how white text looks on a background with the CIELCh color 45, 57.613, 1.768.

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](#).

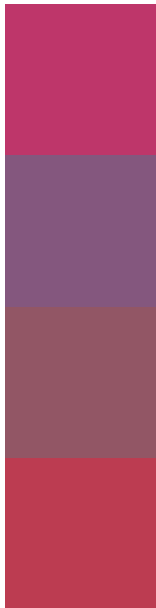
Dichromacy





Tritanopia
45, 56.125, 26.962

Trichromacy



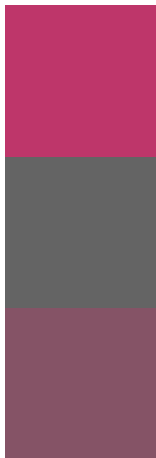
Original Color
45, 57.613, 1.768

Protanomaly
43, 29.046, 330.281

Deuteranomaly
44, 26.901, 4.461

Tritanomaly
45, 55.206, 17.869

Monochromacy



Original Color
45, 57.613, 1.768

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 23.763, 354.673

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 57.613, 1.768 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(190, 54, 106)` looks like.

```
.text, #text, p{  
  color:rgb(190, 54, 106)  
}
```

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(190, 54, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 54, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 57.613, 1.768 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(190, 54, 106) }
```

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

```
.border{ border-color:rgb(190, 54, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 54, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 54, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 54, 106);  
box-shadow:4px 4px 4px 4px rgb(190, 54,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 57.613, 1.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 54, 106) }
```

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

```
.background{ background-color: rgb(190, 54,  
106) }
```

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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