

Converting Colors

CIELCh(45, 58.240, 11.466)

Have a look what the booklet for
CIELCh(45, 58.240, 11.466) contains.

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Color

CIELCh(45, 58.259, 11.337)

Conversions

Conversions Part 1

Format	Color
Hex	C0355A
RGB	192, 53, 90
RGB Percent	75%, 21%, 35%
CMY	0.2462, 0.7913, 0.6464
CMYK	0.00, 0.72, 0.53, 0.25
HSL	344°, 57%, 48%
HSV	344°, 72%, 75%
XYZ	24.9284, 14.5417, 11.2038
YIQ	98.7790, 70.9670, 40.9750

Conversions

Conversions Part 2

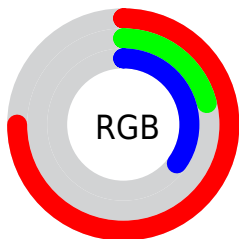
Format	Color
R _Y B	192, 53, 90
Decimal	12596570
CIE Lab	45.00, 57.12, 11.45
CIE LCh	45, 58.259, 11.337
Yxy	14.5417, 0.4919, 0.2870
Android (android.graphics.Color)	4290786650 (0xFFC0355A)
YUV	98.7790, -4.3280, 81.7548
Hunter-Lab	38.1336, 49.9541, 9.2739

Details

The CIELCh color **45, 58.259, 11.337** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **70, 46.081, 169.841**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 58.190, 11.183**, and **27, 52.539, 15.620** is the 20% darker color. If you saturate the color by 10%, you get **43, 64.217, 15.330**, and if you desaturate by 10%, it is **48, 51.169, 8.169**.

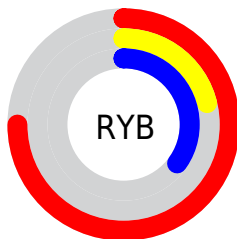
Distribution



Red (75%)

Green (21%)

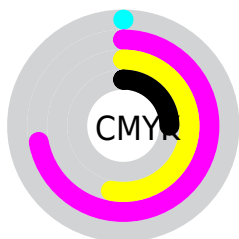
Blue (35%)



Red (75%)

Yellow (21%)

Blue (35%)

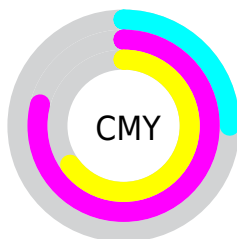


Cyan (0%)

Magenta (72%)

Yellow (53%)

Black (25%)



Cyan (25%)

Magenta (79%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 58.259, 11.337 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, 58.259, 11.337 by changing the saturation by 10% instead.

 45, 58.259, 11.337

 45, 58.259, 11.337

 100, 58.259,
11.337

 35, 58.259, 11.337

 65, 58.259, 11.337

 25, 58.259, 11.337

 75, 58.259, 11.337

 15, 58.259, 11.337

 85, 58.259, 11.337

 5, 58.259, 11.337

 95, 58.259, 11.337

 0, 58.259, 11.337

 45, 58.259, 11.337

 45, 58.259, 11.337

 43, 64.217, 15.330

 48, 51.169, 8.169

 41, 68.997, 20.212

 52, 43.245, 5.663

40, 72.245, 24.303

56, 34.849, 3.661

61, 26.306, 2.032

66, 17.855, 0.677

71, 9.650, 359.515

77, 1.772, 358.316

82, 5.744, 177.810

87, 12.894,
177.006

Harmonies

Complementary

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



45, 58.259, 11.337



70, 46.081, 169.841

Rectangle

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



45, 58.259, 11.337



45, 58.259, 61.337



45, 58.259, 191.337



45, 58.259, 241.337

Sweetspot

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



45, 58.256, 11.339



84, 21.793, 0.682



43, 81.795, 319.282



43, 14.715, 1.030



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, 58.256, 11.339



54, 81.921, 18.195



50, 56.395, 43.822



38, 4.445, 359.197



33, 62.917, 23.464



3, 14.490, 5.210

Inverse Universe

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



45, 58.256, 11.339



54, 81.921, 18.195



61, 31.938, 232.728



38, 4.445, 359.197



33, 62.917, 23.464



3, 14.490, 5.210

Previews

White Background



This preview shows how the CIELCh color 45, 58.259, 11.337 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 CIE LCh color 45, 58.259, 11.337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

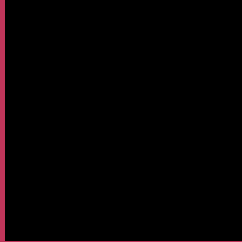
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 58.259, 11.337

Background



This preview shows how black text looks on a background with the CIELCh color 45, 58.259, 11.337.



This preview shows how white text looks on a background with the CIELCh color 45, 58.259, 11.337.

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
45, 58.259, 11.337

Protanopia
45, 6.561, 287.669

Deuteranopia
45, 15.936, 67.681



Tritanopia
45, 59.966, 28.536

Trichromacy



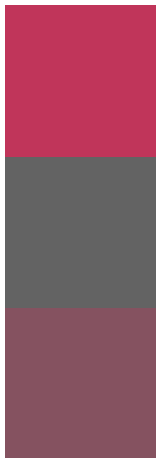
Original Color
45, 58.259, 11.337

Protanomaly
43, 24.081, 351.929

Deuteranomaly
44, 29.256, 22.553

Tritanomaly
45, 58.531, 22.568

Monochromacy



Original Color
45, 58.259, 11.337

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 23.323, 2.157

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 58.259, 11.337 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(192, 53, 90)` looks like.

```
.text, #text, p{  
    color:rgb(192, 53, 90)  
}
```

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(192, 53, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 53, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 58.259, 11.337 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(192, 53, 90) }
```

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

```
.border{ border-color:rgb(192, 53, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 53, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 53, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 53, 90);  
box-shadow:4px 4px 4px 4px rgb(192, 53,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 58.259, 11.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 53, 90) }
```

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

```
.background{ background-color: rgb(192, 53,  
90) }
```

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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