

Converting Colors

CIELCh(57, 28.036, 45.230)

Have a look what the booklet for
CIELCh(57, 28.036, 45.230) contains.

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Color

CIELCh(57, 28.036, 45.230)

Conversions

Conversions Part 1	
Format	Color
Hex	B47B67
RGB	180, 123, 103
RGB Percent	71%, 48%, 40%
CMY	0.2933, 0.5169, 0.5954
CMYK	0.00, 0.32, 0.43, 0.29
HSL	16°, 34%, 56%
HSV	16°, 43%, 71%
XYZ	28.4333, 24.9227, 16.1910
YIQ	137.7630, 40.3920, 5.8640

Conversions

Conversions Part 2

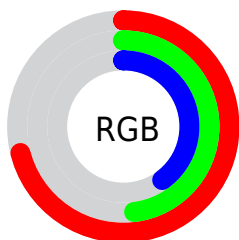
Format	Color
RYB	180, 130, 103
Decimal	11828071
CIELab	57.00, 19.74, 19.90
CIELCh	57, 28.036, 45.230
Yxy	24.9227, 0.4088, 0.3584
Android (android.graphics.Color)	4290018151 (0xFFB47B67)
YUV	137.7630, -17.1382, 37.0418
Hunter-Lab	49.9226, 14.2995, 15.7168

Details

The CIELCh color **57, 28.036, 45.230** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **63, 20.988, 230.612**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 28.214, 45.530**, and **37, 27.990, 45.358** is the 20% darker color. If you saturate the color by 10%, you get **53, 35.976, 45.252**, and if you desaturate by 10%, it is **61, 20.631, 45.368**.

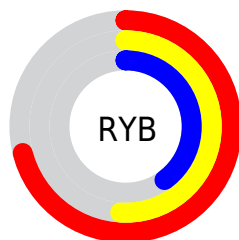
Distribution



Red (71%)

Green (48%)

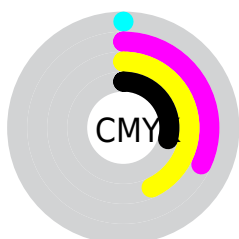
Blue (40%)



Red (71%)

Yellow (51%)

Blue (40%)

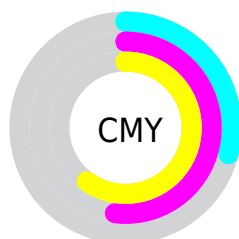


Cyan (0%)

Magenta (32%)

Yellow (43%)

Black (29%)



Cyan (29%)













Magenta (52%)







Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 28.036, 45.230 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 57, 28.036, 45.230 by changing the saturation by 10% instead.

 57, 28.036, 45.230	 57, 28.036, 45.230
 100, 28.036, 45.230	 47, 28.036, 45.230
 77, 28.036, 45.230	 37, 28.036, 45.230
 87, 28.036, 45.230	 27, 28.036, 45.230
 97, 28.036, 45.230	 17, 28.036, 45.230
	 7, 28.036, 45.230
	 0, 28.036, 45.230

 57, 28.036, 45.230	 57, 28.036, 45.230
 53, 35.976, 45.252	 61, 20.631, 45.368
 50, 44.397, 45.427	 64, 13.767, 45.624

 47, 53.134, 45.725

 68, 7.415, 45.964

 44, 61.793, 46.004


 72, 1.534, 46.161

 42, 69.510, 45.885


 76, 3.922, 227.103

 41, 74.341, 45.695

 80, 8.999, 227.574

 84, 13.743,
228.120

 88, 18.194,
228.689

 92, 20.821,
215.314

Harmonies

Complementary

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



57, 28.036, 45.230



63, 20.988, 230.612

Rectangle

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



57, 28.036, 45.230



57, 28.036, 95.230



57, 28.036, 225.230



57, 28.036, 275.230

Sweetspot

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



57, 28.035, 45.235



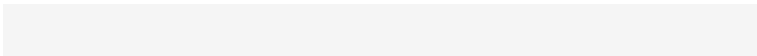
87, 9.390, 45.947



54, 42.987, 335.316



45, 6.622, 45.869



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



57, 28.035, 45.235



69, 42.961, 45.244



67, 32.632, 91.991



36, 3.226, 46.085



35, 65.539, 46.056



3, 7.757, 39.543

Inverse Universe

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



63, 20.988, 230.612



78, 29.826, 232.190



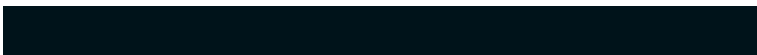
52, 33.794, 284.104



36, 3.059, 227.224



44, 31.462, 247.489



5, 7.500, 238.456

Previews

White Background



This preview shows how the CIELCh color 57, 28.036, 45.230 looks on a white background.

Color Contrast Check

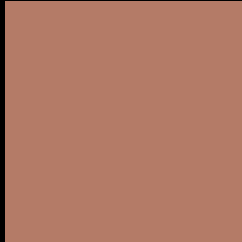
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 28.036, 45.230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

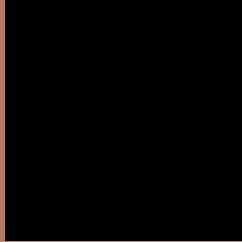
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 28.036, 45.230

Background



This preview shows how black text looks on a background with the CIELCh color 57, 28.036, 45.230.



This preview shows how white text looks on a background with the CIELCh color 57, 28.036, 45.230.

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

57, 28.036, 45.230

Protanopia

57, 16.313, 94.712

Deuteranopia

57, 21.580, 69.168



Tritanopia
57, 26.001, 11.321

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 28.036, 45.230 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(180, 123, 103)` looks like.

```
.text, #text, p{  
    color:rgb(180, 123, 103)  
}
```

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(180, 123, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 123, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 28.036, 45.230 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(180, 123, 103) }
```

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

```
.border{ border-color:rgb(180, 123, 103) }
```

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

Here you see how a box with a 4 pixel rgb(180, 123, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 123, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 123, 103);  
box-shadow:4px 4px 4px 4px rgb(180, 123,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 28.036, 45.230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 123, 103) }
```

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

```
.background{ background-color: rgb(180,  
123, 103) }
```

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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