

Converting Colors

CIELCh(66, 27.405, 7.253)

Have a look what the booklet for
CIELCh(66, 27.405, 7.253) contains.

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Color

CIELCh(66, 27.450, 7.345)

Conversions

Conversions Part 1

Format	Color
Hex	D18E9B
RGB	209, 142, 155
RGB Percent	82%, 56%, 61%
CMY	0.1799, 0.4427, 0.3917
CMYK	0.00, 0.32, 0.26, 0.18
HSL	348°, 42%, 69%
HSV	348°, 32%, 82%
XYZ	41.9454, 35.3238, 35.6681
YIQ	163.5150, 35.7590, 18.2470

Conversions

Conversions Part 2

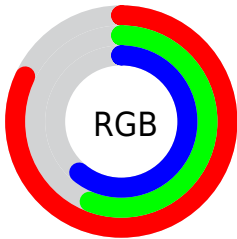
Format	Color
RYB	209, 142, 155
Decimal	13733531
CIELab	66.00, 27.22, 3.51
CIElCh	66, 27.450, 7.345
Yxy	35.3238, 0.3714, 0.3128
Android (android.graphics.Color)	4291923611 (0xFFD18E9B)
YUV	163.5150, -4.1979, 39.8903
Hunter-Lab	59.4338, 21.9672, 6.0220

Details

The CIELCh color **66, 27.450, 7.345** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **79, 23.943, 180.742**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 23.002, 4.164**, and **46, 27.345, 7.403** is the 20% darker color. If you saturate the color by 10%, you get **61, 36.653, 9.032**, and if you desaturate by 10%, it is **71, 18.461, 5.969**.

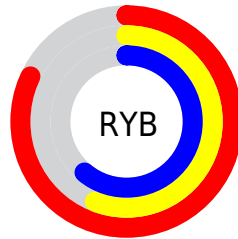
Distribution



Red (82%)

Green (56%)

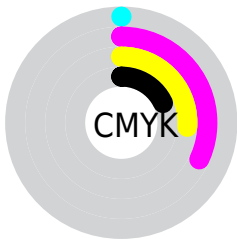
Blue (61%)



Red (82%)

Yellow (56%)

Blue (61%)

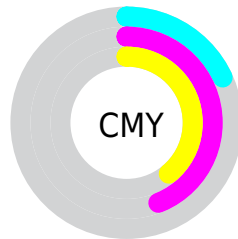


Cyan (0%)

Magenta (32%)

Yellow (26%)

Black (18%)



Cyan (18%)

Magenta (44%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 27.450, 7.345 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 66, 27.450, 7.345 by changing the saturation by 10% instead.

 66, 27.450, 7.345  66, 27.450, 7.345

 100, 27.450, 7.345  56, 27.450, 7.345

 86, 27.450, 7.345  46, 27.450, 7.345

 96, 27.450, 7.345  36, 27.450, 7.345

 26, 27.450, 7.345

 16, 27.450, 7.345

 6, 27.450, 7.345

 0, 27.450, 7.345

 66, 27.450, 7.345  66, 27.450, 7.345

 61, 36.653, 9.032  71, 18.461, 5.969

■ 56, 45.850, 11.129

■ 77, 9.831, 4.806

■ 52, 54.720, 13.776

■ 83, 1.624, 3.569

■ 49, 62.907, 17.128

■ 89, 6.141, 183.152

■ 46, 70.125, 21.302

■ 94, 13.475,
182.381

■ 45, 76.292, 26.263

■ 97, 15.275,
198.489

■ 44, 80.694, 30.393

Harmonies

Complementary

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



66, 27.450, 7.345



79, 23.943, 180.742

Rectangle

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



66, 27.450, 7.345



66, 27.450, 57.345



66, 27.450, 187.345



66, 27.450, 237.345

Sweetspot

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



66, 27.448, 7.348



93, 9.542, 4.597



66, 41.446, 320.225



49, 6.535, 4.751



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 27.448, 7.348



75, 38.697, 8.384



70, 22.440, 49.681



41, 4.600, 4.521



35, 68.101, 29.492



4, 20.200, 10.485

Inverse Universe

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



66, 27.448, 7.348



75, 38.697, 8.384



74, 18.465, 234.818



41, 4.600, 4.521



35, 68.101, 29.492



4, 20.200, 10.485

Previews

White Background



This preview shows how the CIELCh color 66, 27.450, 7.345 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 66, 27.450, 7.345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

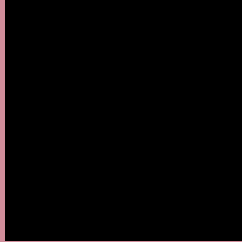
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 27.450, 7.345

Background



This preview shows how black text looks on a background with the CIELCh color 66, 27.450, 7.345.



This preview shows how white text looks on a background with the CIELCh color 66, 27.450, 7.345.

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

66, 27.450, 7.345

Protanopia

66, 2.886, 305.621

Deuteranopia

66, 9.540, 26.837



Tritanopia
66, 27.326, 9.609

Trichromacy



Original Color
66, 27.450, 7.345

Protanomaly
66, 11.003, 356.799

Deuteranomaly
66, 15.998, 13.076

Tritanomaly
66, 27.382, 8.474

Monochromacy



Original Color
66, 27.450, 7.345

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 9.712, 3.846

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 27.450, 7.345 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(209, 142, 155)` looks like.

```
.text, #text, p{  
    color:rgb(209, 142, 155)  
}
```

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(209, 142, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 142, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 27.450, 7.345 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(209, 142, 155) }
```

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

```
.border{ border-color:rgb(209, 142, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 142, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 142, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 142, 155);  
box-shadow:4px 4px 4px 4px rgb(209, 142,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 27.450, 7.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 142, 155) }
```

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

```
.background{ background-color: rgb(209,  
142, 155) }
```

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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