

Converting Colors

CIELCh(66, 34.229, 52.947)

Have a look what the booklet for
CIELCh(66, 34.229, 52.947) contains.

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Color

CIELCh(66, 33.925, 53.218)

Conversions

Conversions Part 1

Format	Color
Hex	D29271
RGB	210, 146, 113
RGB Percent	82%, 57%, 44%
CMY	0.1776, 0.4284, 0.5578
CMYK	0.00, 0.31, 0.46, 0.18
HSL	20°, 52%, 63%
HSV	20°, 46%, 82%
XYZ	39.7020, 35.3238, 20.2750
YIQ	161.3740, 48.7370, 3.3050

Conversions

Conversions Part 2

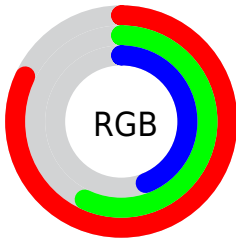
Format	Color
RYB	210, 163, 113
Decimal	13800049
CIELab	66.00, 20.31, 27.17
CIELCh	66, 33.925, 53.218
Yxy	35.3238, 0.4166, 0.3707
Android (android.graphics.Color)	4291990129 (0xFFD29271)
YUV	161.3740, -23.8484, 42.6450
Hunter-Lab	59.4338, 15.2294, 21.3778

Details

The CIELCh color **66, 33.925, 53.218** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **69, 25.863, 243.163**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 29.116, 59.133**, and **46, 33.815, 52.777** is the 20% darker color. If you saturate the color by 10%, you get **62, 42.754, 52.715**, and if you desaturate by 10%, it is **70, 25.627, 53.816**.

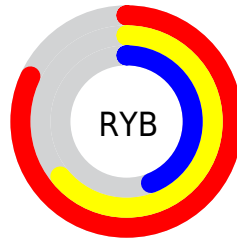
Distribution



Red (82%)

Green (57%)

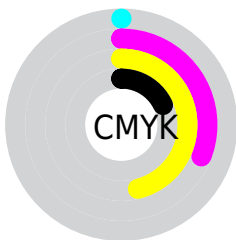
Blue (44%)



Red (82%)

Yellow (64%)

Blue (44%)

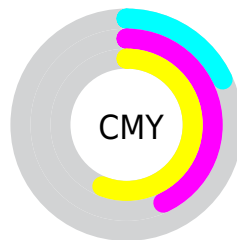


Cyan (0%)

Magenta (31%)

Yellow (46%)

Black (18%)



Cyan (18%)

Magenta (43%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 33.925, 53.218 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, 33.925, 53.218 by changing the saturation by 10% instead.

66, 33.925, 53.218

66, 33.925, 53.218

100, 33.925,
53.218

56, 33.925, 53.218

86, 33.925, 53.218

46, 33.925, 53.218

96, 33.925, 53.218

36, 33.925, 53.218

26, 33.925, 53.218

16, 33.925, 53.218

6, 33.925, 53.218

0, 33.925, 53.218

66, 33.925, 53.218

66, 33.925, 53.218

62, 42.754, 52.715

70, 25.627, 53.816

59, 52.012, 52.273

74, 17.884, 54.487

56, 61.421, 51.813

78, 10.673, 55.212

53, 70.346, 51.110

82, 3.955, 55.925

51, 77.604, 49.717

86, 2.318, 237.091

50, 80.060, 49.202

90, 8.194, 237.775

94, 12.514,
229.680

97, 15.090,
198.501

Harmonies

Complementary

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



66, 33.925, 53.218



69, 25.863, 243.163

Rectangle

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



66, 33.925, 53.218



66, 33.925, 103.218



66, 33.925, 233.218



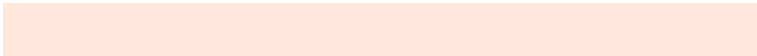
66, 33.925, 283.218

Sweetspot

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



66, 33.924, 53.223



93, 10.707, 55.366



60, 49.501, 339.405



49, 7.450, 55.205



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, 33.924, 53.223



75, 48.901, 52.744



78, 42.852, 97.028



42, 3.632, 55.713



40, 67.589, 49.760



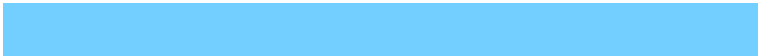
7, 16.511, 40.728

Inverse Universe

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



69, 25.863, 243.163



79, 34.904, 245.508



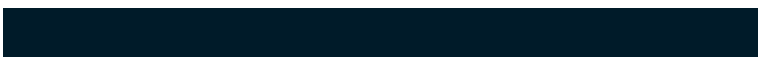
56, 46.267, 289.651



42, 3.471, 237.504



45, 38.275, 262.852



8, 13.158, 251.013

Previews

White Background



This preview shows how the CIELCh color 66, 33.925, 53.218 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, 33.925, 53.218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

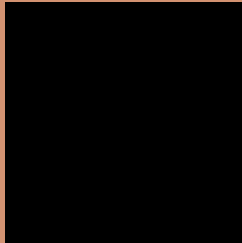
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 33.925, 53.218

Background



This preview shows how black text looks on a background with the CIELCh color 66, 33.925, 53.218.

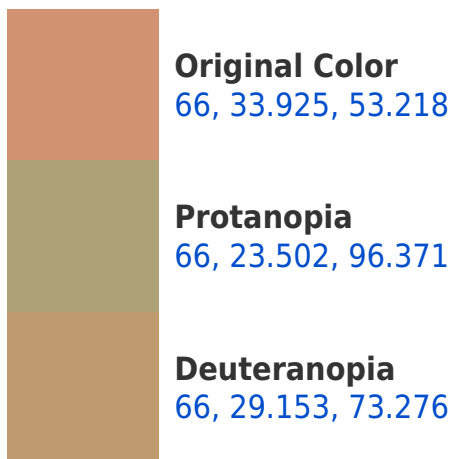


This preview shows how white text looks on a background with the CIELCh color 66, 33.925, 53.218.

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
66, 29.315, 11.815

Trichromacy



Original Color
66, 33.925, 53.218

Protanomaly
66, 24.983, 75.914

Deuteranomaly
66, 30.096, 65.245

Tritanomaly
66, 28.965, 28.623

Monochromacy



Original Color
66, 33.925, 53.218

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 11.783, 54.136

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 33.925, 53.218 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(210, 146, 113)` looks like.

```
.text, #text, p{  
    color:rgb(210, 146, 113)  
}
```

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(210, 146, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 146, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 33.925, 53.218 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(210, 146, 113) }
```

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

```
.border{ border-color:rgb(210, 146, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 146, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 146, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 146, 113);  
box-shadow:4px 4px 4px 4px rgb(210, 146,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 33.925, 53.218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 146, 113) }
```

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

```
.background{ background-color: rgb(210,  
146, 113) }
```

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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