

Converting Colors

CIELCh(66, 30.794, 59.599)

Have a look what the booklet for
CIELCh(66, 30.794, 59.599) contains.

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Color

CIELCh(66, 30.525, 59.389)

Conversions

Conversions Part 1

Format	Color
Hex	CA9572
RGB	202, 149, 114
RGB Percent	79%, 58%, 45%
CMY	0.2073, 0.4152, 0.5525
CMYK	0.00, 0.26, 0.44, 0.21
HSL	24°, 45%, 62%
HSV	24°, 44%, 79%
XYZ	38.2013, 35.3238, 20.7581
YIQ	160.8570, 42.8230, 0.3510

Conversions

Conversions Part 2

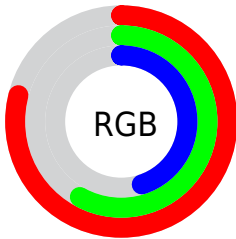
Format	Color
R _Y B	202, 172, 114
Decimal	13276530
CIE Lab	66.00, 15.54, 26.27
CIE LCh	66, 30.525, 59.389
Yxy	35.3238, 0.4052, 0.3747
Android (android.graphics.Color)	4291466610 (0xFFCA9572)
YUV	160.8570, -23.1005, 36.0824
Hunter-Lab	59.4338, 10.7224, 20.8958

Details

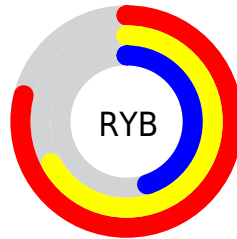
The CIELCh color **66, 30.525, 59.389** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **66, 24.767, 250.544**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 28.822, 62.087**, and **46, 30.831, 59.437** is the 20% darker color. If you saturate the color by 10%, you get **63, 38.746, 58.526**, and if you desaturate by 10%, it is **69, 22.759, 60.304**.

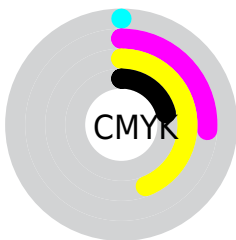
Distribution



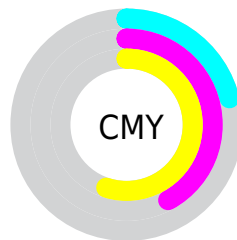
- Red (79%)
- Green (58%)
- Blue (45%)



- Red (79%)
- Yellow (67%)
- Blue (45%)



- Cyan (0%)
- Magenta (26%)
- Yellow (44%)
- Black (21%)



- Cyan (21%)
- Magenta (42%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 30.525, 59.389 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, 30.525, 59.389 by changing the saturation by 10% instead.

66, 30.525, 59.389

66, 30.525, 59.389

100, 30.525,
59.389

56, 30.525, 59.389

86, 30.525, 59.389

46, 30.525, 59.389

96, 30.525, 59.389

36, 30.525, 59.389

26, 30.525, 59.389

16, 30.525, 59.389

6, 30.525, 59.389

0, 30.525, 59.389

66, 30.525, 59.389

66, 30.525, 59.389

63, 38.746, 58.526

69, 22.759, 60.304

60, 47.341, 57.682

73, 15.462, 61.251

57, 56.088, 56.797

76, 8.615, 62.214

54, 64.485, 55.701

80, 2.182, 63.064

51, 71.573, 54.038

84, 3.878, 244.393

50, 75.370, 52.749

87, 9.607, 245.325

91, 14.832,
245.388

94, 15.145,
215.419

97, 17.449,
198.349

Harmonies

Complementary

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



66, 30.525, 59.389



66, 24.767, 250.544

Rectangle

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



66, 30.525, 59.389



66, 30.525, 109.389



66, 30.525, 239.389



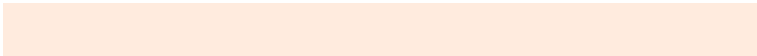
66, 30.525, 289.389

Sweetspot

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



66, 30.524, 59.394



94, 9.974, 62.249



59, 43.998, 341.604



49, 7.029, 62.035



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, 30.524, 59.394



78, 45.322, 58.597



77, 41.025, 100.266



41, 3.588, 62.605



41, 64.740, 53.310



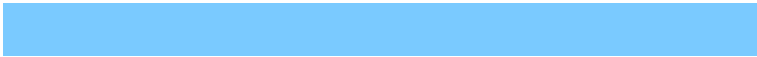
7, 14.653, 45.981

Inverse Universe

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



66, 24.767, 250.544



78, 34.936, 252.914



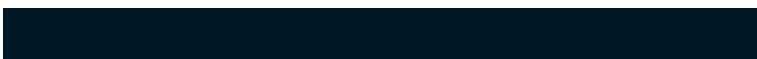
54, 44.715, 291.464



41, 3.457, 244.737



41, 42.215, 271.589



7, 13.321, 259.845

Previews

White Background



This preview shows how the CIELCh color 66, 30.525, 59.389 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, 30.525, 59.389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

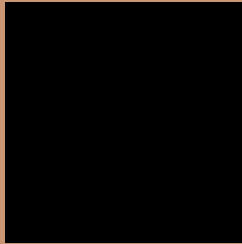
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 30.525, 59.389

Background



This preview shows how black text looks on a background with the CIELCh color 66, 30.525, 59.389.



This preview shows how white text looks on a background with the CIELCh color 66, 30.525, 59.389.

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, 30.525, 59.389

Protanopia

66, 23.502, 96.371

Deuteranopia

66, 27.956, 72.938



Tritanopia
66, 25.290, 8.307

Trichromacy



Original Color
66, 30.525, 59.389

Protanomaly
66, 24.780, 81.260

Deuteranomaly
66, 28.824, 67.701

Tritanomaly
66, 24.635, 29.312

Monochromacy



Original Color
66, 30.525, 59.389

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 10.501, 62.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 30.525, 59.389 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(202, 149, 114)` looks like.

```
.text, #text, p{  
    color:rgb(202, 149, 114)  
}
```

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(202, 149, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 149, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 30.525, 59.389 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(202, 149, 114) }
```

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

```
.border{ border-color:rgb(202, 149, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 149, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 149, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 149, 114);  
box-shadow:4px 4px 4px 4px rgb(202, 149,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 30.525, 59.389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 149, 114) }
```

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

```
.background{ background-color: rgb(202,  
149, 114) }
```

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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