

Converting Colors

CIELCh(71, 29.331, 58.305)

Have a look what the booklet for
CIELCh(71, 29.331, 58.305) contains.

CIELCh(71, 29.498, 58.931)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(71, 29.498, 58.931)

Conversions

Conversions Part 1

Format	Color
Hex	D8A381
RGB	216, 163, 129
RGB Percent	85%, 64%, 51%
CMY	0.1544, 0.3621, 0.4954
CMYK	0.00, 0.25, 0.40, 0.15
HSL	23°, 52%, 68%
HSV	23°, 40%, 85%
XYZ	45.1822, 42.1875, 26.4132
YIQ	174.9710, 42.5020, 0.6620

Conversions

Conversions Part 2

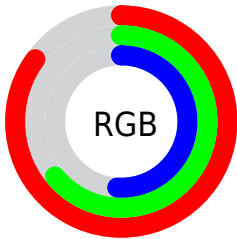
Format	Color
RYB	216, 185, 129
Decimal	14197633
CIELab	71.00, 15.22, 25.27
CIElCh	71, 29.498, 58.931
Yxy	42.1875, 0.3971, 0.3708
Android (android.graphics.Color)	4292387713 (0xFFD8A381)
YUV	174.9710, -22.6637, 35.9824
Hunter-Lab	64.9519, 10.5032, 21.3556

Details

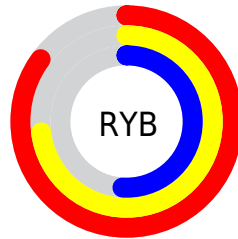
The CIELCh color **71, 29.498, 58.931** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **71, 24.218, 248.927**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 23.776, 71.108**, and **51, 29.560, 59.106** is the 20% darker color. If you saturate the color by 10%, you get **67, 38.042, 58.088**, and if you desaturate by 10%, it is **75, 21.455, 59.832**.

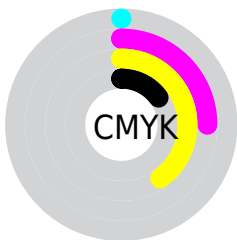
Distribution



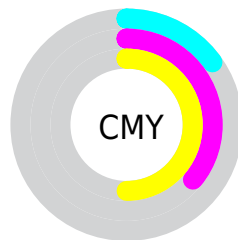
- Red (85%)
- Green (64%)
- Blue (51%)



- Red (85%)
- Yellow (73%)
- Blue (51%)



- Cyan (0%)
- Magenta (25%)
- Yellow (40%)
- Black (15%)



- Cyan (15%)
- Magenta (36%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 29.498, 58.931 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 71, 29.498, 58.931 by changing the saturation by 10% instead.

71, 29.498, 58.931

71, 29.498, 58.931

100, 29.498,
58.931

61, 29.498, 58.931

91, 29.498, 58.931

51, 29.498, 58.931

41, 29.498, 58.931

31, 29.498, 58.931

21, 29.498, 58.931

11, 29.498, 58.931

1, 29.498, 58.931

0, 29.498, 58.931

71, 29.498, 58.931

71, 29.498, 58.931

67, 38.042, 58.088

75, 21.455, 59.832

64, 47.030, 57.278

78, 13.913, 60.764

61, 56.284, 56.460

82, 6.844, 61.703

58, 65.382, 55.500

86, 0.205, 60.442

55, 73.455, 54.100

90, 6.047, 243.833

53, 79.519, 52.145

94, 10.973,
238.618

97, 13.072,
199.557

97, 13.213,
198.624

Harmonies

Complementary

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



71, 29.498, 58.931



71, 24.218, 248.927

Rectangle

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



71, 29.498, 58.931



71, 29.498, 108.931



71, 29.498, 238.931



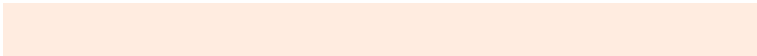
71, 29.498, 288.931

Sweetspot

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



71, 29.497, 58.937



95, 9.163, 61.538



65, 43.082, 341.285



50, 6.104, 61.415



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 29.497, 58.937



79, 41.320, 58.243



82, 40.134, 100.600



43, 3.729, 61.785



42, 66.501, 52.768



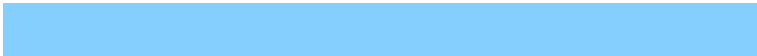
8, 17.461, 46.659

Inverse Universe

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



71, 24.218, 248.927



80, 32.381, 250.877



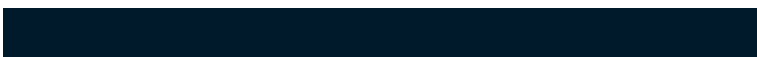
60, 43.390, 290.855



43, 3.588, 243.893



43, 42.663, 270.751



8, 14.646, 259.384

Previews

White Background



This preview shows how the CIELCh color 71, 29.498, 58.931 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 71, 29.498, 58.931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

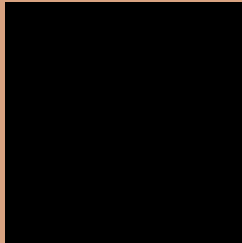
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 29.498, 58.931

Background



This preview shows how black text looks on a background with the CIELCh color 71, 29.498, 58.931.



This preview shows how white text looks on a background with the CIELCh color 71, 29.498, 58.931.

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
71, 25.367, 7.124

Trichromacy



Original Color
71, 29.498, 58.931

Protanomaly
71, 23.617, 79.683

Deuteranomaly
71, 27.734, 66.105

Tritanomaly
71, 24.047, 27.937

Monochromacy



Original Color
71, 29.498, 58.931

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 10.313, 62.887

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 29.498, 58.931 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(216, 163, 129)` looks like.

```
.text, #text, p{  
    color:rgb(216, 163, 129)  
}
```

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(216, 163, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 163, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 29.498, 58.931 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(216, 163, 129) }
```

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

```
.border{ border-color:rgb(216, 163, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 163, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 163, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 163, 129);  
box-shadow:4px 4px 4px 4px rgb(216, 163,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 29.498, 58.931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 163, 129) }
```

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

```
.background{ background-color: rgb(216,  
163, 129) }
```

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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