

Converting Colors

CIELCh(66, 14.400, 72.611)

Have a look what the booklet for
CIELCh(66, 14.400, 72.611) contains.

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Color

CIELCh(66, 14.486, 72.525)

Conversions

Conversions Part 1

Format	Color
Hex	B29D88
RGB	178, 157, 136
RGB Percent	70%, 62%, 53%
CMY	0.3022, 0.3846, 0.4669
CMYK	0.00, 0.12, 0.24, 0.30
HSL	30°, 21%, 62%
HSV	30°, 24%, 70%
XYZ	34.8292, 35.3238, 28.2509
YIQ	160.8850, 19.2570, -2.0790

Conversions

Conversions Part 2

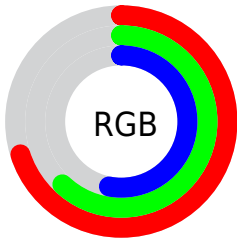
Format	Color
RYB	178, 178, 136
Decimal	11705736
CIELab	66.00, 4.35, 13.82
CIELCh	66, 14.486, 72.525
Yxy	35.3238, 0.3539, 0.3590
Android (android.graphics.Color)	4289895816 (0xFFB29D88)
YUV	160.8850, -12.2683, 15.0099
Hunter-Lab	59.4338, 0.5946, 13.4211

Details

The CIELCh color $66, 14.486, 72.525$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 13.608, 258.883$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 14.704, 74.187$, and $46, 14.669, 73.027$ is the 20% darker color. If you saturate the color by 10%, you get $63, 21.115, 71.297$, and if you desaturate by 10%, it is $69, 8.156, 73.748$.

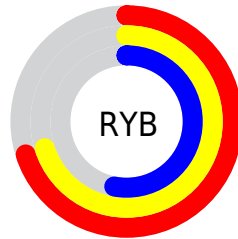
Distribution



Red (70%)

Green (62%)

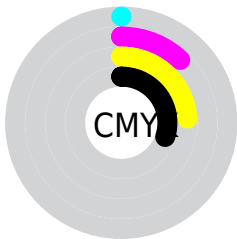
Blue (53%)



Red (70%)

Yellow (70%)

Blue (53%)

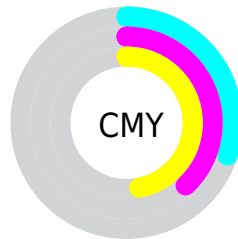


Cyan (0%)

Magenta (12%)

Yellow (24%)

Black (30%)



Cyan (30%)

Magenta (38%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 14.486, 72.525 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, 14.486, 72.525 by changing the saturation by 10% instead.

■ 66, 14.486, 72.525

■ 66, 14.486, 72.525

■ 100, 14.486,
72.525

■ 56, 14.486, 72.525

■ 86, 14.486, 72.525

■ 46, 14.486, 72.525

■ 96, 14.486, 72.525

■ 36, 14.486, 72.525

■ 26, 14.486, 72.525

■ 16, 14.486, 72.525

■ 6, 14.486, 72.525

■ 0, 14.486, 72.525

■ 66, 14.486, 72.525

■ 66, 14.486, 72.525

■ 63, 21.115, 71.297

■ 69, 8.156, 73.748

61, 28.041, 70.046

72, 2.107, 74.841

58, 35.232, 68.779

74, 3.683, 256.277

56, 42.585, 67.474

77, 9.240, 257.373

53, 49.871, 66.066

80, 14.590,
258.472

51, 56.629, 64.411

83, 19.755,
259.537

49, 62.079, 62.233

48, 65.032, 60.711

86, 22.455,
256.166

88, 20.806,
241.366

90, 20.652,
225.446

Harmonies

Complementary

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



66, 14.486, 72.525



64, 13.608, 258.883

Rectangle

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



66, 14.486, 72.525



66, 14.486, 122.525



66, 14.486, 252.525



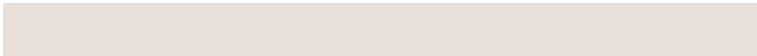
66, 14.486, 302.525

Sweetspot

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



66, 14.486, 72.534



90, 5.130, 74.497



61, 20.050, 345.729



48, 3.365, 74.432



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



66, 14.486, 72.534



82, 21.573, 71.932



72, 22.638, 107.923



36, 3.371, 74.249



41, 58.046, 61.197



4, 7.581, 63.014

Inverse Universe

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



64, 13.608, 258.883



79, 19.971, 259.777



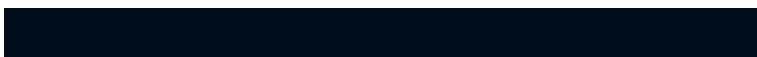
58, 23.910, 292.887



36, 3.300, 256.685



33, 48.623, 283.360



3, 8.802, 266.091

Previews

White Background



This preview shows how the CIELCh color 66, 14.486, 72.525 looks on a white background.

Color Contrast Check

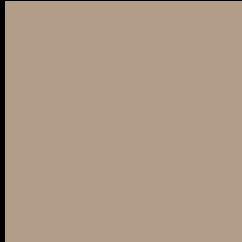
Large Text (above 18pt) WCAG AA × Fail

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, 14.486, 72.525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

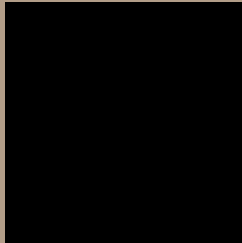
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

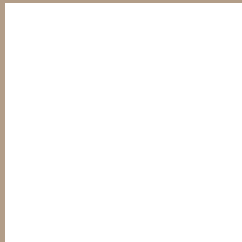
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 14.486, 72.525

Background



This preview shows how black text looks on a background with the CIELCh color 66, 14.486, 72.525.



This preview shows how white text looks on a background with the CIELCh color 66, 14.486, 72.525.

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, 14.486, 72.525

Protanopia

66, 13.189, 92.776

Deuteranopia

66, 16.293, 57.549



Tritanopia
66, 12.651, 349.065

Trichromacy



Original Color
66, 14.486, 72.525

Protanomaly
66, 13.244, 85.372

Deuteranomaly
66, 15.361, 62.825

Tritanomaly
66, 10.246, 20.323

Monochromacy



Original Color
66, 14.486, 72.525

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 5.179, 77.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 14.486, 72.525 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(178, 157, 136)` looks like.

```
.text, #text, p{  
    color:rgb(178, 157, 136)  
}
```

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(178, 157, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 157, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 14.486, 72.525 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(178, 157, 136) }
```

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

```
.border{ border-color:rgb(178, 157, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 157, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 157, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 157, 136);  
box-shadow:4px 4px 4px 4px rgb(178, 157,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 14.486, 72.525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 157, 136) }
```

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

```
.background{ background-color: rgb(178,  
157, 136) }
```

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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