

Converting Colors

CIELCh(66, 12.736, 32.257)

Have a look what the booklet for
CIELCh(66, 12.736, 32.257) contains.

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Color

CIELCh(66, 12.610, 30.518)

Conversions

Conversions Part 1

Format	Color
Hex	B89995
RGB	184, 153, 149
RGB Percent	72%, 60%, 58%
CMY	0.2769, 0.3985, 0.4142
CMYK	0.00, 0.17, 0.19, 0.28
HSL	7°, 20%, 65%
HSV	7°, 19%, 72%
XYZ	36.7660, 35.3238, 33.4686
YIQ	161.8130, 19.7600, 5.3280

Conversions

Conversions Part 2

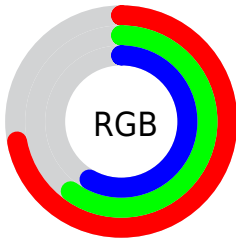
Format	Color
RYB	184, 154, 149
Decimal	12097941
CIELab	66.00, 10.86, 6.40
CIELCh	66, 12.610, 30.518
Yxy	35.3238, 0.3483, 0.3346
Android (android.graphics.Color)	4290288021 (0xFFB89995)
YUV	161.8130, -6.3168, 19.4580
Hunter-Lab	59.4338, 6.4116, 8.2160

Details

The CIELCh color **66, 12.610, 30.518** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **71, 11.102, 209.995**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 12.573, 29.794**, and **46, 12.432, 31.739** is the 20% darker color. If you saturate the color by 10%, you get **61, 20.057, 31.031**, and if you desaturate by 10%, it is **71, 5.729, 30.160**.

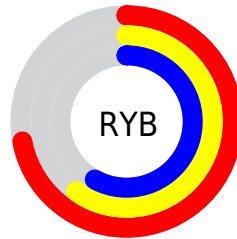
Distribution



Red (72%)

Green (60%)

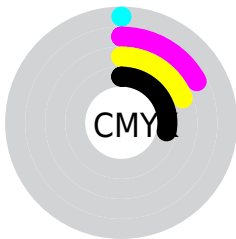
Blue (58%)



Red (72%)

Yellow (60%)

Blue (58%)

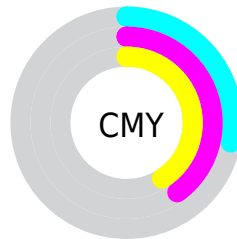


Cyan (0%)

Magenta (17%)

Yellow (19%)

Black (28%)



Cyan (28%)

Magenta (40%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 12.610, 30.518 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, 12.610, 30.518 by changing the saturation by 10% instead.

66, 12.610, 30.518

66, 12.610, 30.518

100, 12.610,
30.518

56, 12.610, 30.518

86, 12.610, 30.518

46, 12.610, 30.518

96, 12.610, 30.518

36, 12.610, 30.518

26, 12.610, 30.518

16, 12.610, 30.518

6, 12.610, 30.518

0, 12.610, 30.518

66, 12.610, 30.518

66, 12.610, 30.518

61, 20.057, 31.031

71, 5.729, 30.160

57, 28.087, 31.747

75, 0.618, 210.908

53, 36.670, 32.739

80, 6.479, 210.052

49, 45.720, 34.066

85, 11.904,
209.996

46, 55.055, 35.755

90, 16.944,
210.017

43, 64.333, 37.740

41, 72.833, 39.696

95, 21.571,
203.122

39, 79.484, 41.202

96, 22.735,
198.016

39, 80.141, 41.427

Harmonies

Complementary

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



66, 12.610, 30.518



71, 11.102, 209.995

Rectangle

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



66, 12.610, 30.518



66, 12.610, 80.518



66, 12.610, 210.518



66, 12.610, 260.518

Sweetspot

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



66, 12.609, 30.527



91, 4.676, 30.049



66, 21.796, 328.353



48, 3.108, 30.076



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



66, 12.609, 30.527



81, 19.244, 30.726



70, 12.745, 82.984



36, 3.602, 30.172



33, 70.195, 41.411



3, 9.816, 26.978

Inverse Universe

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



71, 11.102, 209.995



89, 16.401, 210.012



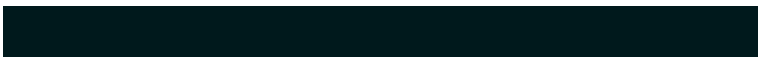
67, 12.491, 268.151



38, 3.393, 210.062



52, 30.581, 216.818



7, 8.993, 214.983

Previews

White Background



This preview shows how the CIELCh color 66, 12.610, 30.518 looks on a white background.

Color Contrast Check

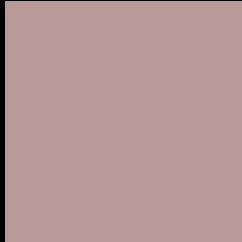
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 12.610, 30.518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

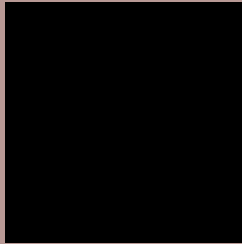
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 12.610, 30.518

Background



This preview shows how black text looks on a background with the CIELCh color 66, 12.610, 30.518.



This preview shows how white text looks on a background with the CIELCh color 66, 12.610, 30.518.

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, 12.610, 30.518

Protanopia

66, 4.311, 82.912

Deuteranopia

66, 10.521, 38.479



Tritanopia
66, 15.076, 354.891

Trichromacy



Original Color
66, 12.610, 30.518

Protanomaly
66, 6.418, 50.750

Deuteranomaly
66, 11.535, 34.125

Tritanomaly
66, 13.333, 6.364

Monochromacy



Original Color
66, 12.610, 30.518

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 4.399, 34.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 12.610, 30.518 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(184, 153, 149)` looks like.

```
.text, #text, p{  
    color:rgb(184, 153, 149)  
}
```

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(184, 153, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 153, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 12.610, 30.518 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(184, 153, 149) }
```

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

```
.border{ border-color:rgb(184, 153, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 153, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 153, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 153, 149);  
box-shadow:4px 4px 4px 4px rgb(184, 153,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 12.610, 30.518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 153, 149) }
```

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

```
.background{ background-color: rgb(184,  
153, 149) }
```

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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