

Converting Colors

CIELCh(75, 30.520, 61.010)

Have a look what the booklet for
CIELCh(75, 30.520, 61.010) contains.

CIELCh(75, 30.603, 61.788)	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(75, 30.603, 61.788)

Conversions

Conversions Part 1

Format	Color
Hex	E3AE88
RGB	227, 174, 136
RGB Percent	89%, 68%, 53%
CMY	0.1105, 0.3183, 0.4673
CMYK	0.00, 0.23, 0.40, 0.11
HSL	25°, 62%, 71%
HSV	25°, 40%, 89%
XYZ	51.1538, 48.2781, 29.8531
YIQ	185.5150, 43.7860, -0.5820

Conversions

Conversions Part 2

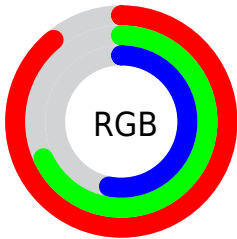
Format	Color
RYB	227, 201, 136
Decimal	14921352
CIELab	75.00, 14.47, 26.97
CIELCh	75, 30.603, 61.788
Yxy	48.2781, 0.3957, 0.3734
Android (android.graphics.Color)	4293111432 (0xFFE3AE88)
YUV	185.5150, -24.4109, 36.3823
Hunter-Lab	69.4824, 9.8196, 23.1638

Details

The CIELCh color **75, 30.603, 61.788** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **74, 25.637, 252.438**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 22.774, 83.453**, and **55, 30.611, 62.088** is the 20% darker color. If you saturate the color by 10%, you get **71, 39.424, 60.810**, and if you desaturate by 10%, it is **79, 22.265, 62.807**.

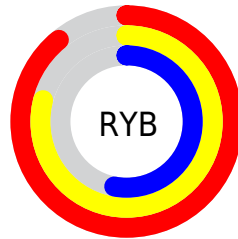
Distribution



Red (89%)

Green (68%)

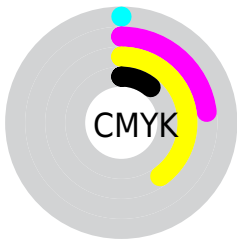
Blue (53%)



Red (89%)

Yellow (79%)

Blue (53%)

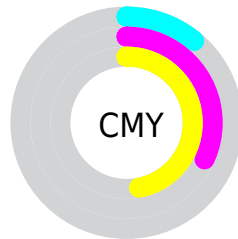


Cyan (0%)

Magenta (23%)

Yellow (40%)

Black (11%)



Cyan (11%)

Magenta (32%)

Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 30.603, 61.788 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 75, 30.603, 61.788 by changing the saturation by 10% instead.

 75, 30.603, 61.788

 75, 30.603, 61.788

 100, 30.603,
61.788

 65, 30.603, 61.788

 95, 30.603, 61.788

 55, 30.603, 61.788

 45, 30.603, 61.788

 35, 30.603, 61.788

 25, 30.603, 61.788

 15, 30.603, 61.788

 5, 30.603, 61.788

 0, 30.603, 61.788

 75, 30.603, 61.788

 75, 30.603, 61.788

71, 39.424, 60.810

79, 22.265, 62.807

68, 48.663, 59.845

82, 14.417, 63.842

65, 58.123, 58.849

86, 7.031, 64.871

62, 67.352, 57.689

90, 0.069, 59.112

59, 75.446, 56.071

94, 6.514, 247.141

57, 81.480, 53.804

98, 8.955, 205.220

98, 9.576, 198.870

Harmonies

Complementary

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



75, 30.603, 61.788



74, 25.637, 252.438

Rectangle

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



75, 30.603, 61.788



75, 30.603, 111.788



75, 30.603, 241.788



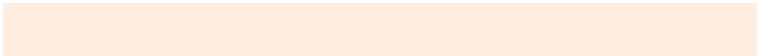
75, 30.603, 291.788

Sweetspot

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



75, 30.603, 61.794



95, 9.231, 64.672



68, 43.726, 343.000



50, 6.147, 64.538



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 30.603, 61.794



80, 41.302, 60.985



86, 42.879, 102.378



45, 3.906, 64.938



44, 67.047, 54.475



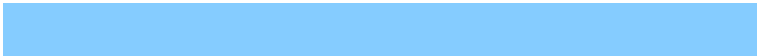
10, 19.885, 51.161

Inverse Universe

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



74, 25.637, 252.438



79, 33.179, 254.473



62, 46.749, 292.319



45, 3.773, 247.188



42, 46.094, 274.524



9, 16.567, 264.597

Previews

White Background



This preview shows how the CIELCh color 75, 30.603, 61.788 looks on a white background.

Color Contrast Check

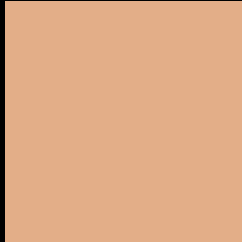
Large Text (above 18pt) WCAG AA × Fail

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 75, 30.603, 61.788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

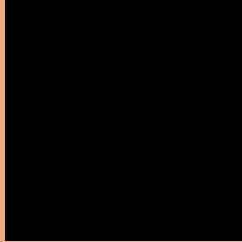
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 30.603, 61.788

Background



This preview shows how black text looks on a background with the CIELCh color 75, 30.603, 61.788.



This preview shows how white text looks on a background with the CIELCh color 75, 30.603, 61.788.

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

75, 30.603, 61.788

Protanopia

75, 24.140, 95.239

Deuteranopia

75, 28.891, 70.628



Tritanopia
75, 25.151, 5.748

Trichromacy



Original Color
75, 30.603, 61.788

Protanomaly
75, 25.252, 81.853

Deuteranomaly
75, 29.615, 67.553

Tritanomaly
75, 23.698, 27.830

Monochromacy



Original Color
75, 30.603, 61.788

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 10.579, 64.986

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 30.603, 61.788 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(227, 174, 136)` looks like.

```
.text, #text, p{  
    color:rgb(227, 174, 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(227, 174, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 174, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 30.603, 61.788 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(227, 174, 136) }
```

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

```
.border{ border-color:rgb(227, 174, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 174, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 174, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 174, 136);  
box-shadow:4px 4px 4px 4px rgb(227, 174,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 30.603, 61.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 174, 136) }
```

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

```
.background{ background-color: rgb(227,  
174, 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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