

Converting Colors

CIELCh(75, 30.237, 66.099)

Have a look what the booklet for
CIELCh(75, 30.237, 66.099) contains.

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Color

CIELCh(75, 30.541, 65.793)

Conversions

Conversions Part 1

Format	Color
Hex	E0AF86
RGB	224, 175, 134
RGB Percent	88%, 69%, 53%
CMY	0.1212, 0.3134, 0.4742
CMYK	0.00, 0.22, 0.40, 0.12
HSL	27°, 59%, 70%
HSV	27°, 40%, 88%
XYZ	50.4237, 48.2781, 29.2451
YIQ	184.9770, 42.3650, -2.3630

Conversions

Conversions Part 2

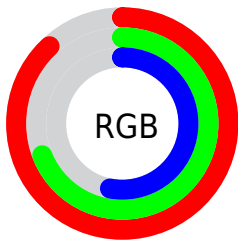
Format	Color
R_{YB}	224, 209, 134
Decimal	14724998
CIE _{Lab}	75.00, 12.52, 27.86
CIE _{LCh}	75, 30.541, 65.793
Yxy	48.2781, 0.3941, 0.3773
Android (android.graphics.Color)	4292915078 (0xFFE0AF86)
YUV	184.9770, -25.1317, 34.2232
Hunter-Lab	69.4824, 7.9439, 23.6826

Details

The CIELCh color **75, 30.541, 65.793** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **72, 26.324, 257.210**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 24.013, 85.650**, and **55, 30.527, 66.272** is the 20% darker color. If you saturate the color by 10%, you get **72, 39.193, 64.658**, and if you desaturate by 10%, it is **78, 22.306, 66.947**.

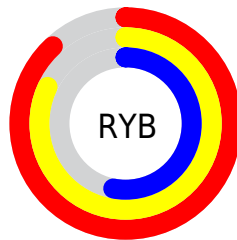
Distribution



Red (88%)

Green (69%)

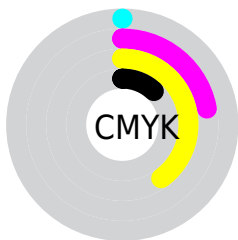
Blue (53%)



Red (88%)

Yellow (82%)

Blue (53%)

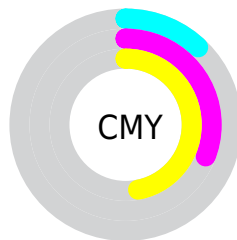


Cyan (0%)

Magenta (22%)

Yellow (40%)

Black (12%)



Cyan (12%)

Magenta (31%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 30.541, 65.793 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, 30.541, 65.793 by changing the saturation by 10% instead.

75, 30.541, 65.793

75, 30.541, 65.793

100, 30.541,
65.793

65, 30.541, 65.793

95, 30.541, 65.793

55, 30.541, 65.793

45, 30.541, 65.793

35, 30.541, 65.793

25, 30.541, 65.793

15, 30.541, 65.793

5, 30.541, 65.793

0, 30.541, 65.793

75, 30.541, 65.793

75, 30.541, 65.793

72, 39.193, 64.658

78, 22.306, 66.947

68, 48.185, 63.511

82, 14.503, 68.098

65, 57.304, 62.304

86, 7.114, 69.229

63, 66.086, 60.908

89, 0.106, 66.302

60, 73.643, 59.045

93, 6.559, 251.645

57, 79.139, 56.571

96, 8.811, 222.035

98, 10.470,
198.808

Harmonies

Complementary

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



75, 30.541, 65.793



72, 26.324, 257.210

Rectangle

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



75, 30.541, 65.793



75, 30.541, 115.793



75, 30.541, 245.793



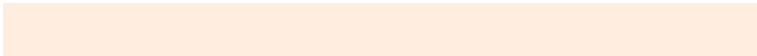
75, 30.541, 295.793

Sweetspot

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



75, 30.541, 65.799



95, 9.374, 69.016



67, 42.487, 344.809



50, 6.240, 68.869



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, 30.541, 65.799



81, 41.445, 64.866



86, 43.826, 104.029



45, 3.970, 69.308



46, 65.775, 57.228



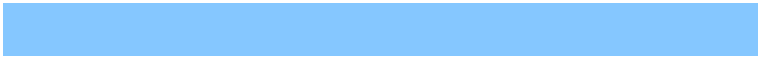
11, 19.712, 55.272

Inverse Universe

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



72, 26.324, 257.210



78, 34.517, 259.297



61, 48.160, 293.705



45, 3.857, 251.701



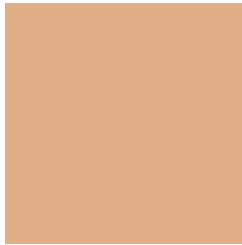
40, 49.802, 279.169



9, 17.610, 269.511

Previews

White Background



This preview shows how the CIELCh color 75, 30.541, 65.793 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 75, 30.541, 65.793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

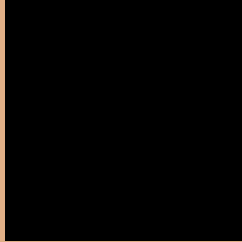
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 30.541, 65.793

Background



This preview shows how black text looks on a background with the CIELCh color 75, 30.541, 65.793.



This preview shows how white text looks on a background with the CIELCh color 75, 30.541, 65.793.

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, 30.541, 65.793

Protanopia

75, 25.696, 95.806

Deuteranopia

75, 29.336, 71.169



Tritanopia
75, 24.000, 4.826

Trichromacy



Original Color
75, 30.541, 65.793

Protanomaly
75, 26.044, 83.530

Deuteranomaly
75, 29.760, 68.726

Tritanomaly
75, 22.577, 29.387

Monochromacy



Original Color
75, 30.541, 65.793

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 10.715, 68.405

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 30.541, 65.793 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(224, 175, 134)` looks like.

```
.text, #text, p{  
    color:rgb(224, 175, 134)  
}
```

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(224, 175, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 175, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 30.541, 65.793 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(224, 175, 134) }
```

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

```
.border{ border-color:rgb(224, 175, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 175, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 175, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 175, 134);  
box-shadow:4px 4px 4px 4px rgb(224, 175,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 30.541, 65.793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 175, 134) }
```

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

```
.background{ background-color: rgb(224,  
175, 134) }
```

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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