

Converting Colors

CIELCh(75, 25.816, 53.161)

Have a look what the booklet for
CIELCh(75, 25.816, 53.161) contains.

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Color

CIELCh(75, 25.518, 52.240)

Conversions

Conversions Part 1

Format	Color
Hex	E1AD94
RGB	225, 173, 148
RGB Percent	88%, 68%, 58%
CMY	0.1159, 0.3199, 0.4180
CMYK	0.00, 0.23, 0.34, 0.12
HSL	19°, 57%, 73%
HSV	19°, 34%, 88%
XYZ	51.5924, 48.2781, 34.7848
YIQ	185.6980, 39.0170, 3.2490

Conversions

Conversions Part 2

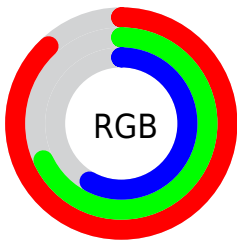
Format	Color
R _Y B	225, 185, 148
Decimal	14790036
CIE Lab	75.00, 15.63, 20.17
CIE LCh	75, 25.518, 52.240
Yxy	48.2781, 0.3831, 0.3585
Android (android.graphics.Color)	4292980116 (0xFFE1AD94)
YUV	185.6980, -18.5851, 34.4679
Hunter-Lab	69.4824, 10.9462, 18.9555

Details

The CIELCh color **75, 25.518, 52.240** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **78, 20.899, 238.627**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 17.086, 73.804**, and **55, 25.464, 53.251** is the 20% darker color. If you saturate the color by 10%, you get **71, 34.259, 51.727**, and if you desaturate by 10%, it is **79, 17.380, 52.852**.

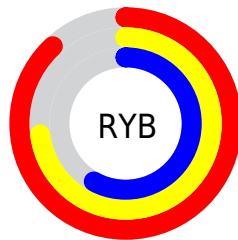
Distribution



Red (88%)

Green (68%)

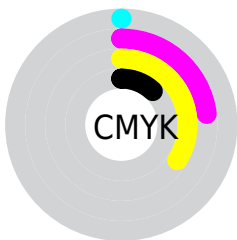
Blue (58%)



Red (88%)

Yellow (73%)

Blue (58%)

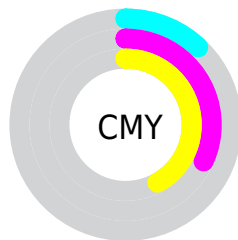


Cyan (0%)

Magenta (23%)

Yellow (34%)

Black (12%)



Cyan (12%)

Magenta (32%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 25.518, 52.240 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, 25.518, 52.240 by changing the saturation by 10% instead.

 75, 25.518, 52.240

 75, 25.518, 52.240

 100, 25.518,
52.240

 65, 25.518, 52.240

 95, 25.518, 52.240

 55, 25.518, 52.240

 45, 25.518, 52.240

 35, 25.518, 52.240

 25, 25.518, 52.240

 15, 25.518, 52.240

 5, 25.518, 52.240

 0, 25.518, 52.240

 75, 25.518, 52.240

 75, 25.518, 52.240

71, 34.259, 51.727

79, 17.380, 52.852

67, 43.594, 51.306

83, 9.818, 53.516

63, 53.436, 50.974

88, 2.785, 54.116

60, 63.532, 50.663

92, 3.771, 235.226

57, 73.293, 50.180

97, 8.575, 218.050

54, 81.518, 49.088

98, 10.025,
198.839

53, 85.404, 48.219

Harmonies

Complementary

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



75, 25.518, 52.240



78, 20.899, 238.627

Rectangle

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



75, 25.518, 52.240



75, 25.518, 102.240



75, 25.518, 232.240



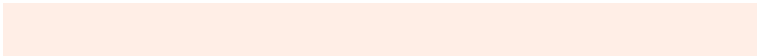
75, 25.518, 282.240

Sweetspot

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



75, 25.517, 52.247



95, 7.541, 53.790



71, 39.708, 337.543



50, 5.171, 53.697



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, 25.517, 52.247



81, 34.757, 51.867



84, 33.232, 97.421



45, 3.851, 53.831



41, 70.534, 48.794



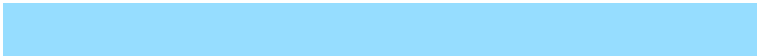
9, 20.701, 41.948

Inverse Universe

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



78, 20.899, 238.627



85, 27.105, 239.914



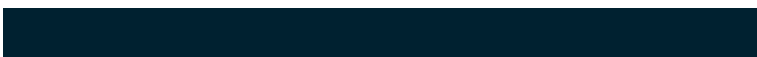
68, 34.804, 286.355



45, 3.671, 235.522



47, 38.554, 260.383



11, 14.596, 250.502

Previews

White Background



This preview shows how the CIELCh color 75, 25.518, 52.240 looks on a white background.

Color Contrast Check

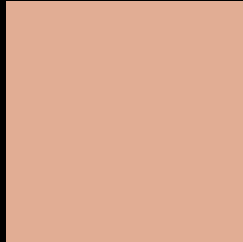
Large Text (above 18pt) WCAG AA × Fail

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, 25.518, 52.240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

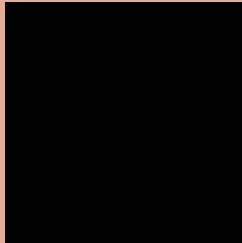
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 25.518, 52.240

Background



This preview shows how black text looks on a background with the CIELCh color 75, 25.518, 52.240.

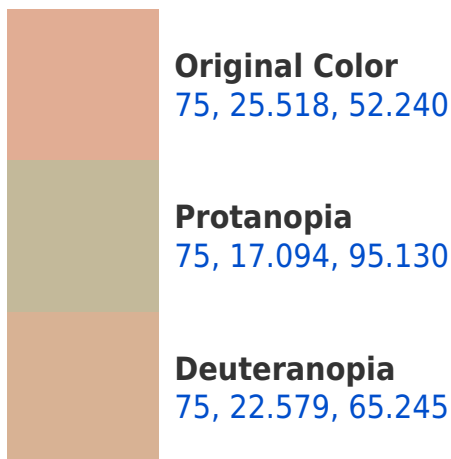


This preview shows how white text looks on a background with the CIELCh color 75, 25.518, 52.240.

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](#).

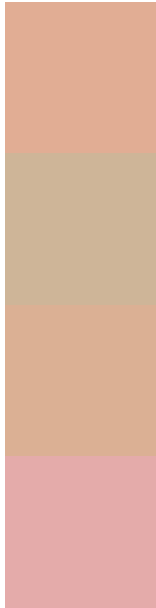
Dichromacy





Tritanopia
75, 24.000, 4.826

Trichromacy



Original Color
75, 25.518, 52.240

Protanomaly
75, 18.635, 75.969

Deuteranomaly
75, 23.397, 60.020

Tritanomaly
75, 22.478, 22.695

Monochromacy



Original Color
75, 25.518, 52.240

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 8.793, 53.145

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 25.518, 52.240 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(225, 173, 148)` looks like.

```
.text, #text, p{  
    color:rgb(225, 173, 148)  
}
```

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(225, 173, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 173, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 25.518, 52.240 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(225, 173, 148) }
```

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

```
.border{ border-color:rgb(225, 173, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 173, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 173, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 173, 148);  
box-shadow:4px 4px 4px 4px rgb(225, 173,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 25.518, 52.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 173, 148) }
```

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

```
.background{ background-color: rgb(225,  
173, 148) }
```

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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