

Converting Colors

CIELCh(75, 45.061, 63.162)

Have a look what the booklet for
CIELCh(75, 45.061, 63.162) contains.

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Color

CIELCh(75, 45.136, 63.262)

Conversions

Conversions Part 1

Format	Color
Hex	F1A96F
RGB	241, 169, 111
RGB Percent	95%, 66%, 44%
CMY	0.0545, 0.3369, 0.5644
CMYK	0.00, 0.30, 0.54, 0.05
HSL	27°, 82%, 69%
HSV	27°, 54%, 95%
XYZ	53.3892, 48.2781, 21.5684
YIQ	183.9160, 61.5300, -2.7740

Conversions

Conversions Part 2

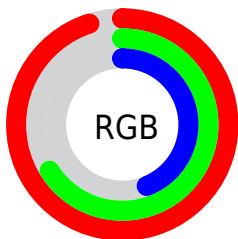
Format	Color
R _Y B	241, 216, 111
Decimal	15837551
CIE Lab	75.00, 20.31, 40.31
CIE LCh	75, 45.136, 63.262
Yxy	48.2781, 0.4332, 0.3918
Android (android.graphics.Color)	4294027631 (0xFFFF1A96F)
YUV	183.9160, -35.9476, 50.0627
Hunter-Lab	69.4824, 15.5623, 30.2332

Details

The CIELCh color **75, 45.136, 63.262** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **72, 36.314, 259.804**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 33.420, 85.837**, and **55, 45.054, 63.193** is the 20% darker color. If you saturate the color by 10%, you get **72, 54.818, 62.144**, and if you desaturate by 10%, it is **79, 35.769, 64.373**.

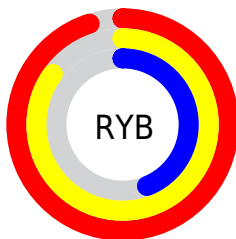
Distribution



Red (95%)

Green (66%)

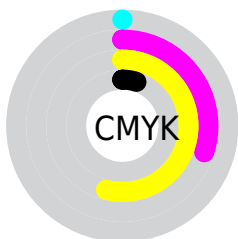
Blue (44%)



Red (95%)

Yellow (85%)

Blue (44%)

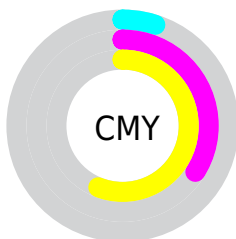


Cyan (0%)

Magenta (30%)

Yellow (54%)

Black (5%)



Cyan (5%)

Magenta (34%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 45.136, 63.262 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, 45.136, 63.262 by changing the saturation by 10% instead.

 75, 45.136, 63.262

 75, 45.136, 63.262

 100, 45.136,
63.262

 65, 45.136, 63.262

 95, 45.136, 63.262

 55, 45.136, 63.262

 45, 45.136, 63.262

 35, 45.136, 63.262

 25, 45.136, 63.262

 15, 45.136, 63.262

 5, 45.136, 63.262

 0, 45.136, 63.262

 75, 45.136, 63.262

 75, 45.136, 63.262

72, 54.818, 62.144

79, 35.769, 64.373

68, 64.507, 60.929

82, 26.843, 65.490

65, 73.544, 59.434

86, 18.392, 66.618

63, 80.778, 57.302

90, 10.405, 67.743

61, 84.131, 55.698

94, 2.849, 68.765

98, 4.035, 246.601

99, 4.788, 199.240

Harmonies

Complementary

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



75, 45.136, 63.262



72, 36.314, 259.804

Rectangle

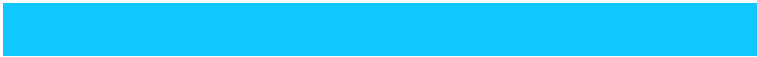
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75, 45.136, 63.262



75, 45.136, 113.262



75, 45.136, 243.262



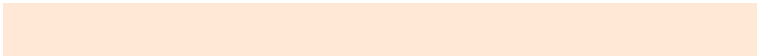
75, 45.136, 293.262

Sweetspot

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



75, 45.135, 63.266



93, 12.587, 67.506



65, 59.863, 345.661



49, 8.548, 67.274



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, 45.135, 63.266



75, 58.488, 61.998



91, 60.386, 101.818



48, 4.173, 68.230



47, 68.255, 56.397



13, 23.528, 55.624

Inverse Universe

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



72, 36.314, 259.804



71, 44.898, 263.583



55, 69.273, 295.947



48, 4.047, 250.609



43, 50.564, 278.234



11, 19.465, 270.082

Previews

White Background



This preview shows how the CIELCh color 75, 45.136, 63.262 looks on a white background.

Color Contrast Check

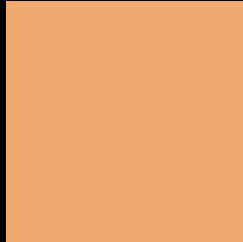
Large Text (above 18pt) WCAG AA × Fail

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, 45.136, 63.262 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, 45.136, 63.262

Background



This preview shows how black text looks on a background with the CIELCh color 75, 45.136, 63.262.



This preview shows how white text looks on a background with the CIELCh color 75, 45.136, 63.262.

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, 45.136, 63.262

Protanopia

75, 36.815, 95.437

Deuteranopia

75, 41.816, 76.918

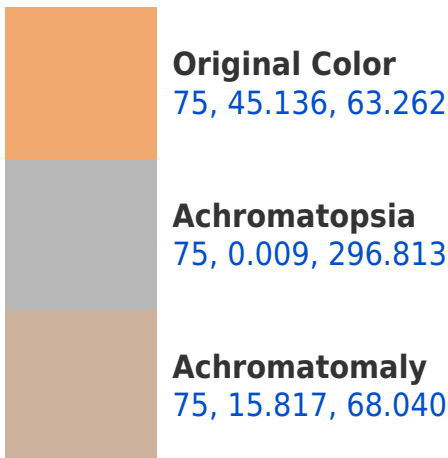


Tritanopia
75, 33.796, 10.906

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 45.136, 63.262 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(241, 169, 111)` looks like.

```
.text, #text, p{  
    color:rgb(241, 169, 111)  
}
```

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(241, 169, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 169, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 45.136, 63.262 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(241, 169, 111) }
```

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

```
.border{ border-color:rgb(241, 169, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 169, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 169, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 169, 111);  
box-shadow:4px 4px 4px 4px rgb(241, 169,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 45.136, 63.262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 169, 111) }
```

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

```
.background{ background-color: rgb(241,  
169, 111) }
```

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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