

Converting Colors

CIELCh(75, 41.204, 62.633)

Have a look what the booklet for
CIELCh(75, 41.204, 62.633) contains.

CIELCh(75, 41.324, 62.357)	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, 41.324, 62.357)

Conversions

Conversions Part 1

Format	Color
Hex	ECAA76
RGB	238, 170, 118
RGB Percent	93%, 67%, 46%
CMY	0.0663, 0.3330, 0.5370
CMYK	0.00, 0.29, 0.50, 0.07
HSL	26°, 78%, 70%
HSV	26°, 50%, 93%
XYZ	52.9500, 48.2781, 23.6893
YIQ	184.4040, 57.2200, -1.7560

Conversions

Conversions Part 2

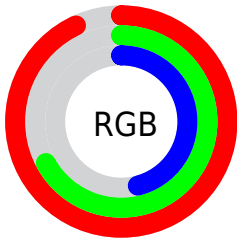
Format	Color
R _Y B	238, 210, 118
Decimal	15641206
CIE Lab	75.00, 19.17, 36.61
CIE LCh	75, 41.324, 62.357
Yxy	48.2781, 0.4239, 0.3865
Android (android.graphics.Color)	4293831286 (0xFFEEAA76)
YUV	184.4040, -32.7372, 47.0037
Hunter-Lab	69.4824, 14.4339, 28.4234

Details

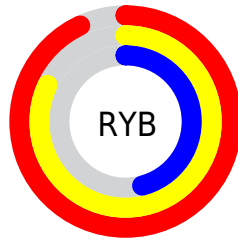
The CIELCh color **75, 41.324, 62.357** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **73, 33.338, 257.132**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 30.365, 84.829**, and **55, 41.456, 62.905** is the 20% darker color. If you saturate the color by 10%, you get **72, 50.876, 61.313**, and if you desaturate by 10%, it is **79, 32.169, 63.417**.

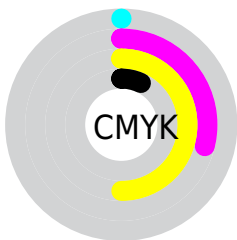
Distribution



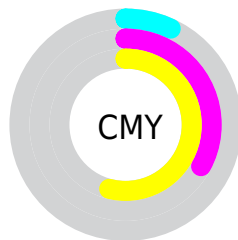
- Red (93%)
- Green (67%)
- Blue (46%)



- Red (93%)
- Yellow (82%)
- Blue (46%)



- Cyan (0%)
- Magenta (29%)
- Yellow (50%)
- Black (7%)



- Cyan (7%)
- Magenta (33%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 41.324, 62.357 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, 41.324, 62.357 by changing the saturation by 10% instead.

 75, 41.324, 62.357

 75, 41.324, 62.357

 100, 41.324,
62.357

 65, 41.324, 62.357

 95, 41.324, 62.357

 55, 41.324, 62.357

 45, 41.324, 62.357

 35, 41.324, 62.357

 25, 41.324, 62.357

 15, 41.324, 62.357

 5, 41.324, 62.357

 0, 41.324, 62.357

 75, 41.324, 62.357

 75, 41.324, 62.357

72, 50.876, 61.313

79, 32.169, 63.417

68, 60.606, 60.216

82, 23.492, 64.493

65, 70.016, 58.932

86, 15.303, 65.582

62, 78.136, 57.164

90, 7.579, 66.661

60, 83.878, 54.795

94, 0.281, 66.134

98, 4.854, 224.038

99, 5.813, 199.151

Harmonies

Complementary

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



75, 41.324, 62.357



73, 33.338, 257.132

Rectangle

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



75, 41.324, 62.357



75, 41.324, 112.357



75, 41.324, 242.357



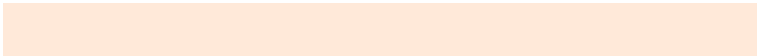
75, 41.324, 292.357

Sweetspot

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



75, 41.323, 62.362



94, 11.707, 66.164



66, 55.813, 345.174



49, 8.037, 65.935



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, 41.323, 62.362



76, 53.401, 61.332



90, 56.204, 102.166



48, 4.150, 66.758



47, 68.699, 55.461



13, 23.588, 54.327

Inverse Universe

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



73, 33.338, 257.132



74, 41.147, 260.175



57, 63.638, 295.153



48, 4.017, 249.089



43, 49.254, 276.685



11, 19.046, 268.447

Previews

White Background



This preview shows how the CIELCh color 75, 41.324, 62.357 looks on a white background.

Color Contrast Check

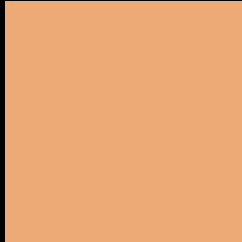
Large Text (above 18pt) WCAG AA × Fail

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, 41.324, 62.357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

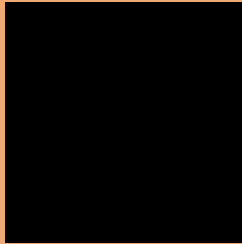
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 41.324, 62.357

Background



This preview shows how black text looks on a background with the CIELCh color 75, 41.324, 62.357.



This preview shows how white text looks on a background with the CIELCh color 75, 41.324, 62.357.

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, 41.324, 62.357

Protanopia

75, 33.172, 95.396

Deuteranopia

75, 38.105, 75.883



Tritanopia
75, 31.753, 10.868

Trichromacy



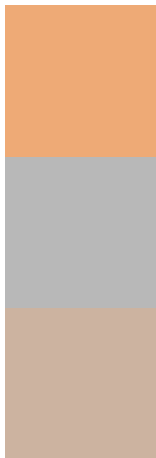
Original Color
75, 41.324, 62.357

Protanomaly
75, 34.416, 82.406

Deuteranomaly
75, 38.969, 70.636

Tritanomaly
75, 31.469, 33.601

Monochromacy



Original Color
75, 41.324, 62.357

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 14.301, 65.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 41.324, 62.357 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(238, 170, 118)` looks like.

```
.text, #text, p{  
    color:rgb(238, 170, 118)  
}
```

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(238, 170, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 170, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 41.324, 62.357 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(238, 170, 118) }
```

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

```
.border{ border-color:rgb(238, 170, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 170, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 170, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 170, 118);  
box-shadow:4px 4px 4px 4px rgb(238, 170,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 41.324, 62.357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 170, 118) }
```

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

```
.background{ background-color: rgb(238,  
170, 118) }
```

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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