

Converting Colors

CIELCh(75, 42.354, 60.590)

Have a look what the booklet for
CIELCh(75, 42.354, 60.590) contains.

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Color

CIELCh(75, 42.318, 60.398)

Conversions

Conversions Part 1

Format	Color
Hex	F1A976
RGB	241, 169, 118
RGB Percent	95%, 66%, 46%
CMY	0.0557, 0.3379, 0.5379
CMYK	0.00, 0.30, 0.51, 0.06
HSL	25°, 81%, 70%
HSV	25°, 51%, 94%
XYZ	53.6212, 48.2781, 23.5787
YIQ	184.7140, 59.2830, -0.5970

Conversions

Conversions Part 2

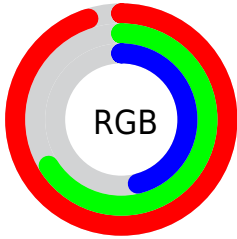
Format	Color
R _Y B	241, 205, 118
Decimal	15837558
CIE Lab	75.00, 20.90, 36.79
CIE LCh	75, 42.318, 60.398
Yxy	48.2781, 0.4273, 0.3848
Android (android.graphics.Color)	4294027638 (0xFFFF1A976)
YUV	184.7140, -32.8900, 49.3628
Hunter-Lab	69.4824, 16.1584, 28.5178

Details

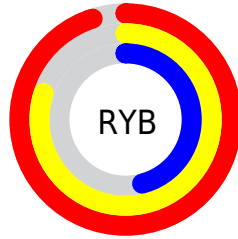
The CIELCh color **75, 42.318, 60.398** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **74, 33.385, 254.890**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 30.086, 83.803**, and **55, 42.542, 60.849** is the 20% darker color. If you saturate the color by 10%, you get **71, 52.071, 59.451**, and if you desaturate by 10%, it is **79, 32.994, 61.372**.

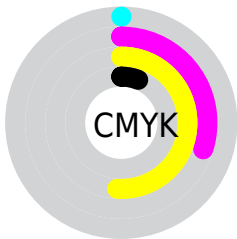
Distribution



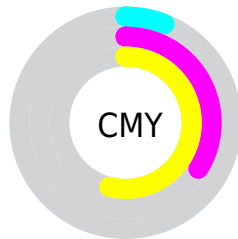
- Red (95%)
- Green (66%)
- Blue (46%)



- Red (95%)
- Yellow (80%)
- Blue (46%)



- Cyan (0%)
- Magenta (30%)
- Yellow (51%)
- Black (6%)



- Cyan (6%)
- Magenta (34%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 42.318, 60.398 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, 42.318, 60.398 by changing the saturation by 10% instead.

 75, 42.318, 60.398

 75, 42.318, 60.398

 100, 42.318,
60.398

 65, 42.318, 60.398

 95, 42.318, 60.398

 55, 42.318, 60.398

 45, 42.318, 60.398

 35, 42.318, 60.398

 25, 42.318, 60.398

 15, 42.318, 60.398

 5, 42.318, 60.398

 0, 42.318, 60.398

 75, 42.318, 60.398

 75, 42.318, 60.398

71, 52.071, 59.451

79, 32.994, 61.372

68, 62.027, 58.460

83, 24.183, 62.374

65, 71.662, 57.280

87, 15.891, 63.400

62, 79.953, 55.590

91, 8.095, 64.427

60, 85.474, 53.466

95, 0.751, 64.889

99, 4.400, 210.051

99, 4.891, 199.231

Harmonies

Complementary

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



75, 42.318, 60.398



74, 33.385, 254.890

Rectangle

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



75, 42.318, 60.398



75, 42.318, 110.398



75, 42.318, 240.398



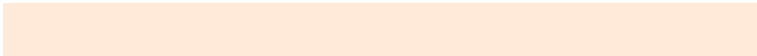
75, 42.318, 290.398

Sweetspot

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



75, 42.317, 60.403



94, 11.635, 64.022



66, 58.112, 343.406



49, 7.990, 63.804



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, 42.317, 60.403



75, 54.505, 59.439



90, 55.787, 100.322



48, 4.121, 64.586



46, 69.372, 54.147



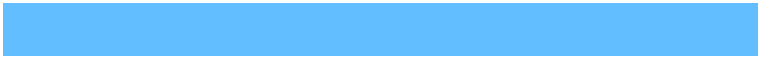
12, 23.697, 52.469

Inverse Universe

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



74, 33.385, 254.890



74, 40.805, 258.044



58, 62.651, 293.929



48, 3.977, 246.837



44, 47.412, 274.305



12, 18.463, 265.959

Previews

White Background



This preview shows how the CIELCh color 75, 42.318, 60.398 looks on a white background.

Color Contrast Check

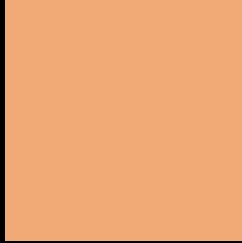
Large Text (above 18pt) WCAG AA × Fail

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, 42.318, 60.398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

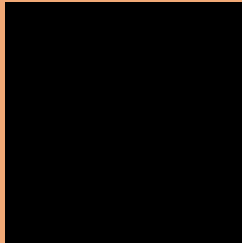
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 42.318, 60.398

Background



This preview shows how black text looks on a background with the CIELCh color 75, 42.318, 60.398.



This preview shows how white text looks on a background with the CIELCh color 75, 42.318, 60.398.

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, 42.318, 60.398

Protanopia

75, 33.083, 96.109

Deuteranopia

75, 38.567, 76.202



Tritanopia
75, 32.954, 11.435

Trichromacy



Original Color
75, 42.318, 60.398

Protanomaly
75, 34.369, 80.818

Deuteranomaly
75, 39.249, 70.151

Tritanomaly
75, 32.841, 31.433

Monochromacy



Original Color
75, 42.318, 60.398

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 14.197, 62.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 42.318, 60.398 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, 118)` looks like.

```
.text, #text, p{  
    color:rgb(241, 169, 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(241, 169, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 169, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 42.318, 60.398 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, 118) }
```

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

```
.border{ border-color:rgb(241, 169, 118) }
```

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, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 169, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 169, 118);  
box-shadow:4px 4px 4px 4px rgb(241, 169,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 42.318, 60.398 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, 118) }
```

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

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