

Converting Colors

CIELCh(75, 53.765, 64.689)

Have a look what the booklet for
CIELCh(75, 53.765, 64.689) contains.

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Color

CIELCh(75, 53.894, 64.729)

Conversions

Conversions Part 1

Format	Color
Hex	F8A75F
RGB	248, 167, 95
RGB Percent	97%, 65%, 37%
CMY	0.0285, 0.3460, 0.6283
CMYK	0.00, 0.33, 0.62, 0.03
HSL	28°, 91%, 67%
HSV	28°, 62%, 97%
XYZ	54.4444, 48.2781, 17.2216
YIQ	183.0110, 71.3880, -5.2200

Conversions

Conversions Part 2

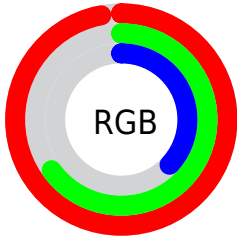
Format	Color
R _Y B	248, 231, 95
Decimal	16295775
CIE Lab	75.00, 23.01, 48.74
CIE LCh	75, 53.894, 64.729
Yxy	48.2781, 0.4539, 0.4025
Android (android.graphics.Color)	4294485855 (0xFFFF8A75F)
YUV	183.0110, -43.3894, 56.9954
Hunter-Lab	69.4824, 18.2731, 33.9424

Details

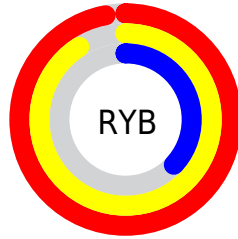
The CIELCh color **75, 53.894, 64.729** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **70, 43.313, 265.389**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 40.967, 87.751**, and **55, 53.669, 65.020** is the 20% darker color. If you saturate the color by 10%, you get **72, 63.652, 63.423**, and if you desaturate by 10%, it is **78, 44.158, 65.956**.

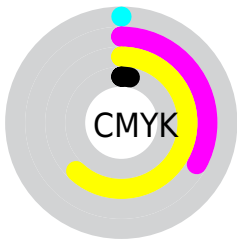
Distribution



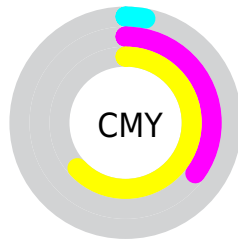
- Red (97%)
- Green (65%)
- Blue (37%)



- Red (97%)
- Yellow (91%)
- Blue (37%)



- Cyan (0%)
- Magenta (33%)
- Yellow (62%)
- Black (3%)



- Cyan (3%)
- Magenta (35%)
- Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 53.894, 64.729 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, 53.894, 64.729 by changing the saturation by 10% instead.

 75, 53.894, 64.729

 75, 53.894, 64.729

 100, 53.894,
64.729

 65, 53.894, 64.729

 95, 53.894, 64.729

 55, 53.894, 64.729

 45, 53.894, 64.729

 35, 53.894, 64.729

 25, 53.894, 64.729

 15, 53.894, 64.729

 5, 53.894, 64.729

 0, 53.894, 64.729

 75, 53.894, 64.729

 75, 53.894, 64.729

72, 63.652, 63.423

78, 44.158, 65.956

69, 72.840, 61.872

82, 34.728, 67.158

66, 80.390, 59.772

85, 25.716, 68.358

64, 84.855, 57.495

89, 17.151, 69.555

93, 9.022, 70.734

97, 1.298, 71.620

99, 2.520, 199.508

Harmonies

Complementary

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



75, 53.894, 64.729



70, 43.313, 265.389

Rectangle

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



75, 53.894, 64.729



75, 53.894, 114.729



75, 53.894, 244.729



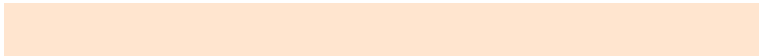
75, 53.894, 294.729

Sweetspot

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



75, 53.893, 64.733



93, 15.234, 69.878



63, 67.253, 348.941



48, 10.564, 69.537



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, 53.893, 64.733



73, 67.376, 63.085



94, 71.352, 102.817



50, 4.373, 70.989



49, 68.877, 58.181



15, 25.875, 58.698

Inverse Universe

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



70, 43.313, 265.389



66, 52.304, 270.109



50, 85.440, 299.015



50, 4.257, 253.453



42, 54.354, 281.112



12, 21.781, 273.972

Previews

White Background



This preview shows how the CIELCh color 75, 53.894, 64.729 looks on a white background.

Color Contrast Check

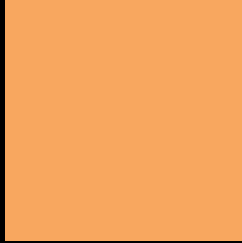
Large Text (above 18pt) WCAG AA × Fail

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, 53.894, 64.729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

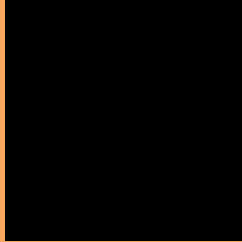
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 53.894, 64.729

Background



This preview shows how black text looks on a background with the CIELCh color 75, 53.894, 64.729.



This preview shows how white text looks on a background with the CIELCh color 75, 53.894, 64.729.

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, 53.894, 64.729

Protanopia

75, 44.928, 95.408

Deuteranopia

75, 50.084, 78.633



Tritanopia
75, 37.797, 13.447

Trichromacy



Original Color
75, 53.894, 64.729

Protanomaly
75, 46.064, 82.596

Deuteranomaly
75, 50.909, 73.521

Tritanomaly
75, 39.105, 36.575

Monochromacy



Original Color
75, 53.894, 64.729

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 18.647, 68.263

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 53.894, 64.729 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(248, 167, 95)` looks like.

```
.text, #text, p{  
    color:rgb(248, 167, 95)  
}
```

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(248, 167, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 167, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 53.894, 64.729 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(248, 167, 95) }
```

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

```
.border{ border-color:rgb(248, 167, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 167, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 167, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 167, 95);  
box-shadow:4px 4px 4px 4px rgb(248, 167,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 53.894, 64.729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 167, 95) }
```

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

```
.background{ background-color: rgb(248,  
167, 95) }
```

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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