

Converting Colors

CIELCh(75, 53.979, 65.685)

Have a look what the booklet for
CIELCh(75, 53.979, 65.685) contains.

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Color

CIELCh(75, 53.982, 65.326)

Conversions

Conversions Part 1

Format	Color
Hex	F7A75E
RGB	247, 167, 94
RGB Percent	97%, 65%, 37%
CMY	0.0309, 0.3447, 0.6310
CMYK	0.00, 0.32, 0.62, 0.03
HSL	29°, 91%, 67%
HSV	29°, 62%, 97%
XYZ	54.2588, 48.2781, 17.0706
YIQ	182.5980, 71.1130, -5.7430

Conversions

Conversions Part 2

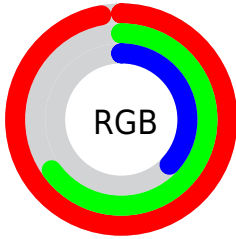
Format	Color
R _Y B	247, 234, 94
Decimal	16230238
CIE Lab	75.00, 22.54, 49.05
CIE LCh	75, 53.982, 65.326
Yxy	48.2781, 0.4536, 0.4036
Android (android.graphics.Color)	4294420318 (0xFFFF7A75E)
YUV	182.5980, -43.6788, 56.4806
Hunter-Lab	69.4824, 17.7964, 34.0712

Details

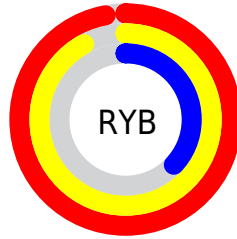
The CIELCh color **75, 53.982, 65.326** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **69, 43.731, 266.212**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 41.445, 87.917**, and **55, 54.049, 65.258** is the 20% darker color. If you saturate the color by 10%, you get **72, 63.669, 63.988**, and if you desaturate by 10%, it is **78, 44.290, 66.579**.

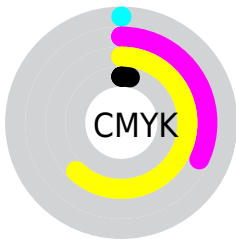
Distribution



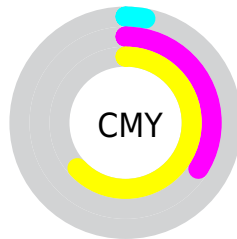
- Red (97%)
- Green (65%)
- Blue (37%)



- Red (97%)
- Yellow (92%)
- Blue (37%)



- Cyan (0%)
- Magenta (32%)
- Yellow (62%)
- Black (3%)



- Cyan (3%)
- Magenta (34%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 53.982, 65.326 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, 53.982, 65.326 by changing the saturation by 10% instead.

75, 53.982, 65.326

75, 53.982, 65.326

100, 53.982,
65.326

65, 53.982, 65.326

95, 53.982, 65.326

55, 53.982, 65.326

45, 53.982, 65.326

35, 53.982, 65.326

25, 53.982, 65.326

15, 53.982, 65.326

5, 53.982, 65.326

0, 53.982, 65.326

75, 53.982, 65.326

75, 53.982, 65.326

72, 63.669, 63.988

78, 44.290, 66.579

69, 72.751, 62.400

82, 34.885, 67.802

66, 80.156, 60.257

85, 25.883, 69.020

64, 84.430, 58.007

89, 17.317, 70.234

93, 9.178, 71.426

97, 1.437, 72.361

99, 2.732, 199.475

Harmonies

Complementary

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



75, 53.982, 65.326



69, 43.731, 266.212

Rectangle

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



75, 53.982, 65.326



75, 53.982, 115.326



75, 53.982, 245.326



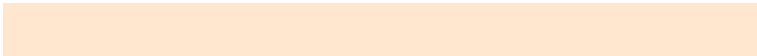
75, 53.982, 295.326

Sweetspot

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



75, 53.981, 65.330



93, 15.282, 70.582



62, 67.273, 348.972



48, 10.596, 70.237



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, 53.981, 65.330



73, 67.334, 63.668



94, 71.382, 102.803



49, 4.315, 71.707



49, 67.966, 58.727



14, 24.656, 59.099

Inverse Universe

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



69, 43.731, 266.212



66, 52.849, 270.864



50, 85.540, 299.055



49, 4.205, 254.183



41, 54.468, 281.758



11, 21.287, 274.275

Previews

White Background



This preview shows how the CIELCh color 75, 53.982, 65.326 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, 53.982, 65.326 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, 53.982, 65.326

Background



This preview shows how black text looks on a background with the CIELCh color 75, 53.982, 65.326.



This preview shows how white text looks on a background with the CIELCh color 75, 53.982, 65.326.

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, 53.982, 65.326

Protanopia

75, 45.412, 95.463

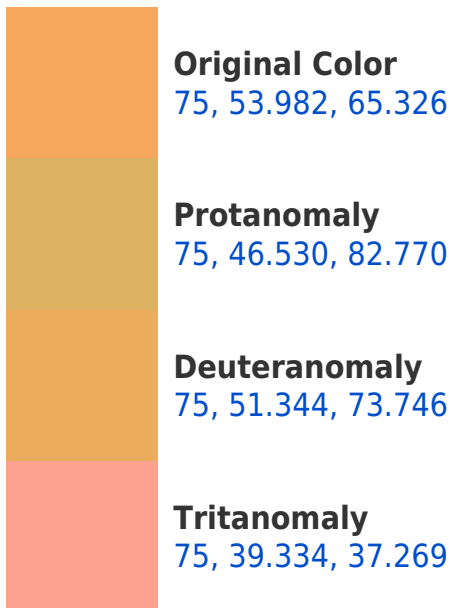
Deuteranopia

75, 50.532, 78.818

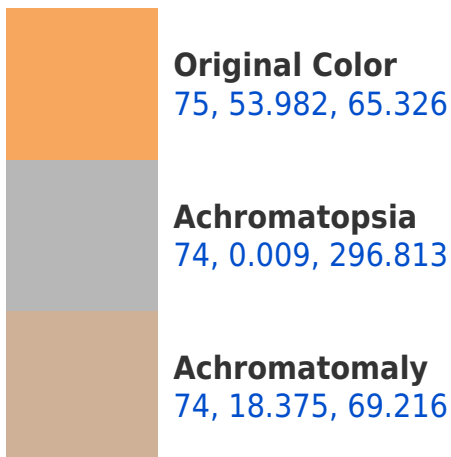


Tritanopia
75, 37.797, 13.447

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 53.982, 65.326 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(247, 167, 94)` looks like.

```
.text, #text, p{  
    color:rgb(247, 167, 94)  
}
```

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(247, 167, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 167, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 53.982, 65.326 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(247, 167, 94) }
```

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

```
.border{ border-color:rgb(247, 167, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 167, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 167, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 167, 94);  
box-shadow:4px 4px 4px 4px rgb(247, 167,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 53.982, 65.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 167, 94) }
```

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

```
.background{ background-color: rgb(247,  
167, 94) }
```

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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