

Converting Colors

CIELCh(75, 62.097, 65.592)

Have a look what the booklet for
CIELCh(75, 62.097, 65.592) contains.

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Color

CIELCh(75, 62.142, 65.193)

Conversions

Conversions Part 1

Format	Color
Hex	FEA44F
RGB	254, 164, 79
RGB Percent	100%, 64%, 31%
CMY	0.0032, 0.3562, 0.6896
CMYK	0.00, 0.35, 0.69, 0.00
HSL	29°, 99%, 65%
HSV	29°, 69%, 100%
XYZ	55.6590, 48.2781, 13.8109
YIQ	181.2200, 80.9250, -7.3550

Conversions

Conversions Part 2

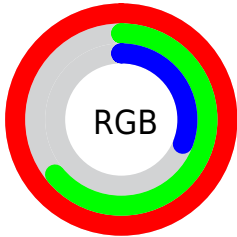
Format	Color
RYB	254, 244, 79
Decimal	16688207
CIELab	75.00, 26.07, 56.41
CIElCh	75, 62.142, 65.193
Yxy	48.2781, 0.4727, 0.4100
Android (android.graphics.Color)	4294878287 (0xFFFEA44F)
YUV	181.2200, -50.3945, 63.8281
Hunter-Lab	69.4824, 21.3933, 36.8528

Details

The CIELCh color **75, 62.142, 65.193** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **67, 49.981, 269.790**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 47.672, 88.067**, and **55, 62.129, 65.478** is the 20% darker color. If you saturate the color by 10%, you get **72, 71.620, 63.664**, and if you desaturate by 10%, it is **78, 52.237, 66.537**.

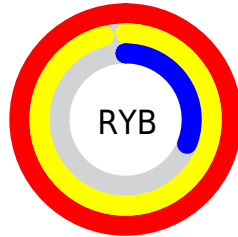
Distribution



Red (100%)

Green (64%)

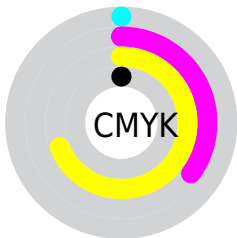
Blue (31%)



Red (100%)

Yellow (96%)

Blue (31%)

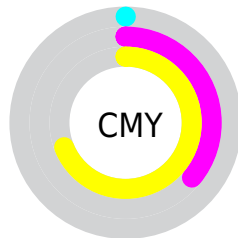


Cyan (0%)

Magenta (35%)

Yellow (69%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 62.142, 65.193 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, 62.142, 65.193 by changing the saturation by 10% instead.

 75, 62.142, 65.193

 75, 62.142, 65.193

 100, 62.142,
65.193

 65, 62.142, 65.193

 95, 62.142, 65.193

 55, 62.142, 65.193

 45, 62.142, 65.193

 35, 62.142, 65.193

 25, 62.142, 65.193

 15, 62.142, 65.193

 5, 62.142, 65.193

 0, 62.142, 65.193

 75, 62.142, 65.193

 75, 62.142, 65.193

72, 71.620, 63.664

78, 52.237, 66.537

69, 79.723, 61.684

82, 42.419, 67.806

66, 85.353, 58.940

85, 32.922, 69.054

66, 85.938, 58.627

89, 23.839, 70.295

93, 15.190, 71.525

96, 6.959, 72.718

100, 0.285,
201.714

Harmonies

Complementary

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



75, 62.142, 65.193



67, 49.981, 269.790

Rectangle

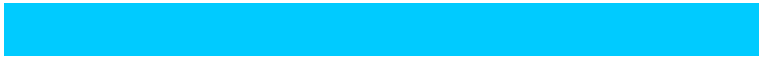
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75, 62.142, 65.193



75, 62.142, 115.193



75, 62.142, 245.193



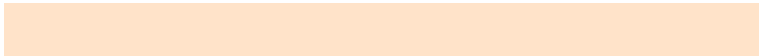
75, 62.142, 295.193

Sweetspot

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



75, 62.141, 65.196



92, 17.050, 71.263



61, 73.775, 351.462



48, 11.621, 70.924



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, 62.141, 65.196



71, 75.410, 62.916



96, 80.411, 103.115



51, 4.485, 72.644



51, 69.113, 59.331



16, 27.027, 60.404

Inverse Universe

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



67, 49.981, 269.790



62, 59.679, 275.725



45, 99.966, 301.241



51, 4.376, 255.149



42, 56.652, 282.748



12, 23.128, 276.082

Previews

White Background



This preview shows how the CIELCh color 75, 62.142, 65.193 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, 62.142, 65.193 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, 62.142, 65.193

Background



This preview shows how black text looks on a background with the CIELCh color 75, 62.142, 65.193.



This preview shows how white text looks on a background with the CIELCh color 75, 62.142, 65.193.

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, 62.142, 65.193

Protanopia

75, 52.105, 95.553

Deuteranopia

75, 57.922, 80.442

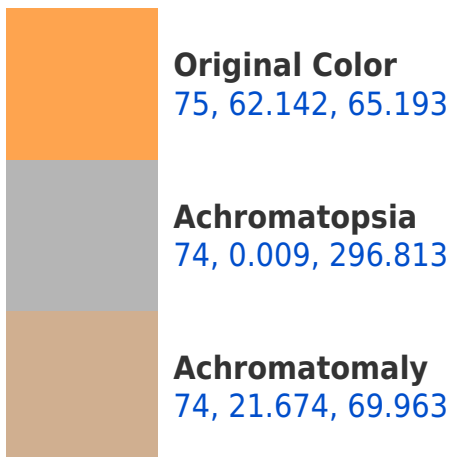


Tritanopia
75, 39.026, 14.676

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 62.142, 65.193 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(254, 164, 79)` looks like.

```
.text, #text, p{  
    color:rgb(254, 164, 79)  
}
```

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(254, 164, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 164, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 62.142, 65.193 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(254, 164, 79) }
```

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

```
.border{ border-color:rgb(254, 164, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 164, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 164, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 164, 79);  
box-shadow:4px 4px 4px 4px rgb(254, 164,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 62.142, 65.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 164, 79) }
```

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

```
.background{ background-color: rgb(254,  
164, 79) }
```

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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