

Converting Colors

CIELCh(76, 54.582, 69.191)

Have a look what the booklet for
CIELCh(76, 54.582, 69.191) contains.

CIELCh(76, 54.727, 69.277)	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(76, 54.727, 69.277)

Conversions

Conversions Part 1

Format	Color
Hex	F6AC5C
RGB	246, 172, 92
RGB Percent	96%, 67%, 36%
CMY	0.0352, 0.3254, 0.6391
CMYK	0.00, 0.30, 0.63, 0.04
HSL	31°, 90%, 66%
HSV	31°, 63%, 96%
XYZ	54.7077, 49.8872, 16.8772
YIQ	185.0060, 69.7840, -9.1920

Conversions

Conversions Part 2

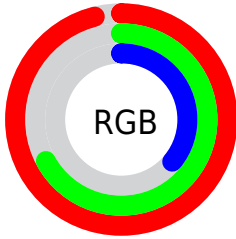
Format	Color
RYB	234, 246, 92
Decimal	16165980
CIELab	76.00, 19.37, 51.19
CIELCh	76, 54.727, 69.277
Yxy	49.8872, 0.4504, 0.4107
Android (android.graphics.Color)	4294356060 (0xFFFF6AC5C)
YUV	185.0060, -45.8520, 53.4917
Hunter-Lab	70.6309, 14.6543, 35.2743

Details

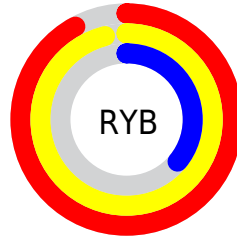
The CIELCh color **76, 54.727, 69.277** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **67, 46.786, 271.164**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 43.498, 91.492**, and **56, 54.855, 69.398** is the 20% darker color. If you saturate the color by 10%, you get **73, 64.055, 67.773**, and if you desaturate by 10%, it is **79, 45.232, 70.671**.

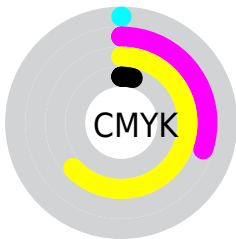
Distribution



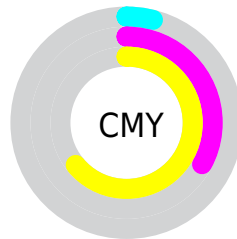
- Red (96%)
- Green (67%)
- Blue (36%)



- Red (92%)
- Yellow (96%)
- Blue (36%)



- Cyan (0%)
- Magenta (30%)
- Yellow (63%)
- Black (4%)



- Cyan (4%)
- Magenta (33%)
- Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 54.727, 69.277 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 76, 54.727, 69.277 by changing the saturation by 10% instead.

 76, 54.727, 69.277

 76, 54.727, 69.277

 100, 54.727,
69.277

 66, 54.727, 69.277

 96, 54.727, 69.277

 56, 54.727, 69.277

 46, 54.727, 69.277

 36, 54.727, 69.277

 26, 54.727, 69.277

 16, 54.727, 69.277

 6, 54.727, 69.277

 0, 54.727, 69.277

 76, 54.727, 69.277

 76, 54.727, 69.277

73, 64.055, 67.773

79, 45.232, 70.671

70, 72.566, 65.995

82, 35.901, 72.011

68, 79.196, 63.658

86, 26.881, 73.328

66, 82.601, 61.499

89, 18.224, 74.623

92, 9.935, 75.887

96, 1.997, 76.977

99, 3.030, 201.503

99, 3.104, 199.422

Harmonies

Complementary

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



76, 54.727, 69.277



67, 46.786, 271.164

Rectangle

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



76, 54.727, 69.277



76, 54.727, 119.277



76, 54.727, 249.277



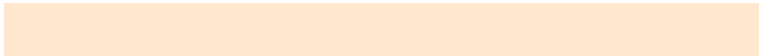
76, 54.727, 299.277

Sweetspot

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



76, 54.726, 69.281



93, 15.652, 75.078



62, 66.056, 352.395



49, 10.841, 74.712



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76, 54.726, 69.281



75, 68.161, 67.355



94, 73.715, 105.221



49, 4.434, 76.266



51, 66.786, 62.202



15, 24.646, 63.470

Inverse Universe

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



67, 46.786, 271.164



63, 57.380, 275.904



48, 89.337, 300.614



49, 4.349, 258.819



39, 59.298, 285.953



10, 22.951, 278.832

Previews

White Background



This preview shows how the CIELCh color 76, 54.727, 69.277 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 76, 54.727, 69.277 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 76, 54.727, 69.277

Background



This preview shows how black text looks on a background with the CIELCh color 76, 54.727, 69.277.



This preview shows how white text looks on a background with the CIELCh color 76, 54.727, 69.277.

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](#).

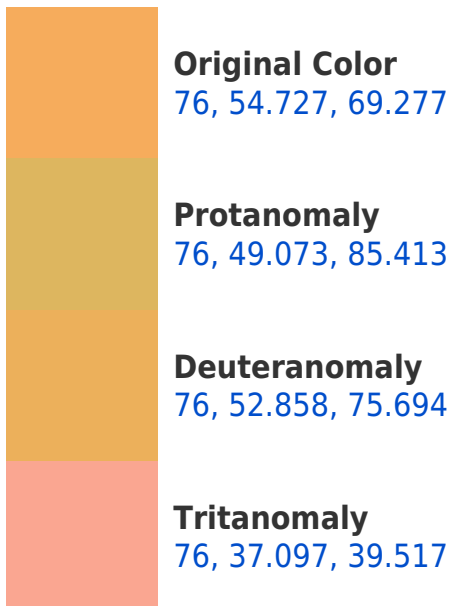
Dichromacy





Tritanopia
76, 35.255, 12.421

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 54.727, 69.277 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(246, 172, 92)` looks like.

```
.text, #text, p{  
    color:rgb(246, 172, 92)  
}
```

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(246, 172, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 172, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 54.727, 69.277 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(246, 172, 92) }
```

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

```
.border{ border-color:rgb(246, 172, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 172, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 172, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 172, 92);  
box-shadow:4px 4px 4px 4px rgb(246, 172,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 54.727, 69.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 172, 92) }
```

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

```
.background{ background-color: rgb(246,  
172, 92) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor