

Converting Colors

CIELCh(90, 74.445, 95.220)

Have a look what the booklet for
CIELCh(90, 74.445, 95.220) contains.

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Color

CIELCh(90, 74.674, 95.160)

Conversions

Conversions Part 1

Format	Color
Hex	FEE349
RGB	254, 227, 73
RGB Percent	100%, 89%, 29%
CMY	0.0050, 0.1107, 0.7147
CMYK	0.00, 0.11, 0.71, 0.00
HSL	51°, 99%, 64%
HSV	51°, 71%, 100%
XYZ	69.3727, 76.3034, 17.3302
YIQ	217.5170, 65.5260, -42.1700

Conversions

Conversions Part 2

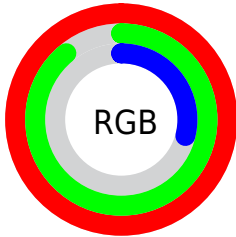
Format	Color
RYB	105, 254, 73
Decimal	16704329
CIELab	90.00, -6.72, 74.37
CIElCh	90, 74.674, 95.160
Yxy	76.3034, 0.4256, 0.4681
Android (android.graphics.Color)	4294894409 (0xFFFE349)
YUV	217.5170, -71.2469, 31.9956
Hunter-Lab	87.3518, -11.1052, 49.3834

Details

The CIELCh color **90, 74.674, 95.160** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **49, 89.193, 297.059**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 61.322, 105.484**, and **70, 72.819, 95.303** is the 20% darker color. If you saturate the color by 10%, you get **89, 81.508, 94.048**, and if you desaturate by 10%, it is **91, 65.966, 96.295**.

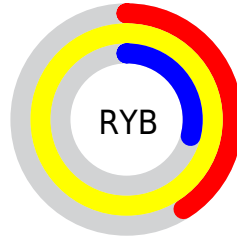
Distribution



Red (100%)

Green (89%)

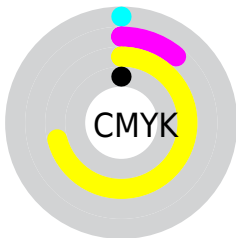
Blue (29%)



Red (41%)

Yellow (100%)

Blue (29%)

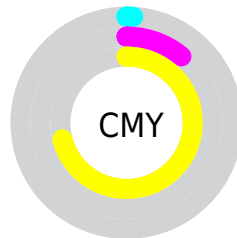


Cyan (0%)

Magenta (11%)

Yellow (71%)

Black (0%)



Cyan (1%)

Magenta (11%)

Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 74.674, 95.160 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 90, 74.674, 95.160 by changing the saturation by 10% instead.

 90, 74.674, 95.160

 90, 74.674, 95.160

 100, 74.674,
95.160

 80, 74.674, 95.160

 70, 74.674, 95.160

 60, 74.674, 95.160

 50, 74.674, 95.160

 40, 74.674, 95.160

 30, 74.674, 95.160

 20, 74.674, 95.160

 10, 74.674, 95.160

 0, 74.674, 95.160

■ 90, 74.674, 95.160

■ 90, 74.674, 95.160

■ 89, 81.508, 94.048

■ 91, 65.966, 96.295

■ 88, 85.721, 92.927

■ 92, 56.087, 97.446

■ 87, 87.212, 91.924

■ 94, 45.541, 98.608

■ 95, 34.648, 99.770

■ 96, 23.602,
100.920

■ 98, 12.516,
102.045

■ 99, 1.455, 103.051

100, 0.440,
200.885

Harmonies

Complementary

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



90, 74.674, 95.160



49, 89.193, 297.059

Rectangle

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



90, 74.674, 95.160



90, 74.674, 145.160



90, 74.674, 275.160



90, 74.674, 325.160

Sweetspot

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



90, 74.674, 95.163



97, 23.331, 100.957



59, 73.819, 20.577



51, 15.793, 100.642



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 74.674, 95.163



89, 84.166, 93.525



93, 87.605, 120.559



53, 6.303, 102.246



67, 70.610, 92.132



23, 31.634, 93.706

Inverse Universe

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



49, 89.193, 297.059



41, 109.371, 301.134



48, 102.807, 308.697



49, 6.398, 284.420



26, 99.223, 303.957



5, 39.384, 298.912

Previews

White Background



This preview shows how the CIELCh color 90, 74.674, 95.160 looks on a white background.

Color Contrast Check

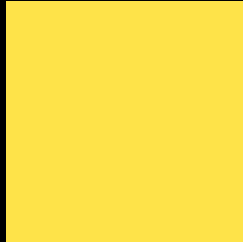
Large Text (above 18pt) WCAG AA × Fail

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 90, 74.674, 95.160 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 90, 74.674, 95.160

Background



This preview shows how black text looks on a background with the CIELCh color 90, 74.674, 95.160.



This preview shows how white text looks on a background with the CIELCh color 90, 74.674, 95.160.

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

90, 74.674, 95.160

Protanopia

90, 74.598, 95.485

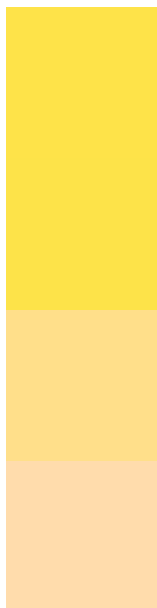
Deuteranopia

90, 27.001, 78.475



Tritanopia
90, 15.476, 356.922

Trichromacy



Original Color
90, 74.674, 95.160

Protanomaly
90, 74.598, 95.485

Deuteranomaly
90, 45.562, 89.728

Tritanomaly
90, 28.609, 79.085

Monochromacy



Original Color
90, 74.674, 95.160

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 29.172, 100.736

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 74.674, 95.160 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, 227, 73)` looks like.

```
.text, #text, p{  
    color:rgb(254, 227, 73)  
}
```

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, 227, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 227, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 74.674, 95.160 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, 227, 73) }
```

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

```
.border{ border-color:rgb(254, 227, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 227, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 227, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 227, 73);  
box-shadow:4px 4px 4px 4px rgb(254, 227,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 74.674, 95.160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 227, 73) }
```

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

```
.background{ background-color: rgb(254,  
227, 73) }
```

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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