

Converting Colors

CIELCh(85, 48.932, 90.963)

Have a look what the booklet for
CIELCh(85, 48.932, 90.963) contains.

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Color

CIELCh(85, 49.075, 91.109)

Conversions

Conversions Part 1

Format	Color
Hex	F0D276
RGB	240, 210, 118
RGB Percent	94%, 82%, 46%
CMY	0.0583, 0.1760, 0.5368
CMYK	0.00, 0.12, 0.51, 0.06
HSL	45°, 80%, 70%
HSV	45°, 51%, 94%
XYZ	62.3280, 66.0070, 26.6288
YIQ	208.4820, 47.4120, -22.2520

Conversions

Conversions Part 2

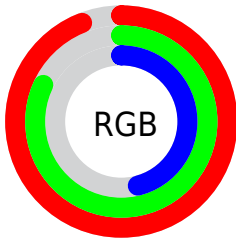
Format	Color
R _Y B	158, 240, 118
Decimal	15782518
CIE Lab	85.00, -0.95, 49.07
CIE LCh	85, 49.075, 91.109
Yxy	66.0070, 0.4022, 0.4260
Android (android.graphics.Color)	4293972598 (0xFFFF0D276)
YUV	208.4820, -44.6076, 27.6413
Hunter-Lab	81.2447, -5.2396, 37.4384

Details

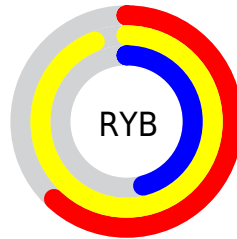
The CIELCh color **85, 49.075, 91.109** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **63, 51.666, 286.452**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 41.560, 107.005**, and **65, 49.390, 91.096** is the 20% darker color. If you saturate the color by 10%, you get **83, 58.279, 89.757**, and if you desaturate by 10%, it is **87, 39.480, 92.435**.

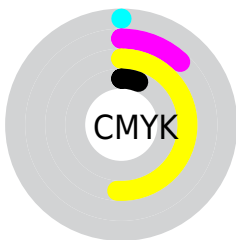
Distribution



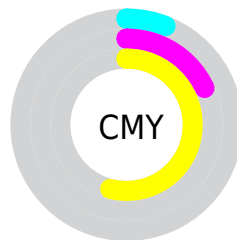
- Red (94%)
- Green (82%)
- Blue (46%)



- Red (62%)
- Yellow (94%)
- Blue (46%)



- Cyan (0%)
- Magenta (12%)
- Yellow (51%)
- Black (6%)



- Cyan (6%)
- Magenta (18%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 49.075, 91.109 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 85, 49.075, 91.109 by changing the saturation by 10% instead.

 85, 49.075, 91.109

 85, 49.075, 91.109

 100, 49.075,
91.109

 75, 49.075, 91.109

 65, 49.075, 91.109

 55, 49.075, 91.109

 45, 49.075, 91.109

 35, 49.075, 91.109

 25, 49.075, 91.109

 15, 49.075, 91.109

 5, 49.075, 91.109

 0, 49.075, 91.109

85, 49.075, 91.109

85, 49.075, 91.109

83, 58.279, 89.757

87, 39.480, 92.435

82, 66.663, 88.352

89, 29.741, 93.728

80, 73.563, 86.853

91, 19.999, 94.988

78, 78.147, 85.176

93, 10.326, 96.205

77, 80.106, 83.419

95, 0.761, 97.134

97, 5.161, 269.362

98, 4.271, 224.445

99, 5.121, 199.210

Harmonies

Complementary

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



85, 49.075, 91.109



63, 51.666, 286.452

Rectangle

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



85, 49.075, 91.109



85, 49.075, 141.109



85, 49.075, 271.109



85, 49.075, 321.109

Sweetspot

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



85, 49.076, 91.113



97, 15.083, 95.696



65, 50.228, 6.678



51, 10.304, 95.438



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 49.076, 91.113



88, 61.350, 89.704



90, 61.698, 116.802



49, 5.414, 96.364



60, 65.592, 83.799



18, 26.014, 86.493

Inverse Universe

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



63, 51.666, 286.452



60, 66.180, 289.253



58, 69.689, 304.285



47, 5.457, 278.709



28, 86.600, 300.759



5, 31.238, 293.545

Previews

White Background



This preview shows how the CIELCh color 85, 49.075, 91.109 looks on a white background.

Color Contrast Check

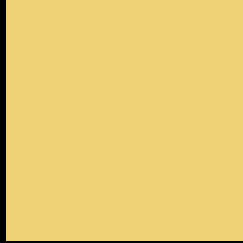
Large Text (above 18pt) WCAG AA × Fail

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 85, 49.075, 91.109 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 85, 49.075, 91.109

Background



This preview shows how black text looks on a background with the CIELCh color 85, 49.075, 91.109.



This preview shows how white text looks on a background with the CIELCh color 85, 49.075, 91.109.

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

85, 49.075, 91.109

Protanopia

85, 48.915, 96.125

Deuteranopia

85, 43.601, 77.538



Tritanopia
85, 20.038, 358.015

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 49.075, 91.109 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(240, 210, 118)` looks like.

```
.text, #text, p{  
    color:rgb(240, 210, 118)  
}
```

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(240, 210, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 210, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 49.075, 91.109 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(240, 210, 118) }
```

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

```
.border{ border-color:rgb(240, 210, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 210, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 210, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 210, 118);  
box-shadow:4px 4px 4px 4px rgb(240, 210,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 49.075, 91.109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 210, 118) }
```

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

```
.background{ background-color: rgb(240,  
210, 118) }
```

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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