

Converting Colors

CIELCh(85, 48.076, 95.514)

Have a look what the booklet for
CIELCh(85, 48.076, 95.514) contains.

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Color

CIELCh(85, 48.076, 95.514)

Conversions

Conversions Part 1

Format	Color
Hex	E9D478
RGB	233, 212, 120
RGB Percent	91%, 83%, 47%
CMY	0.0849, 0.1673, 0.5281
CMYK	0.00, 0.09, 0.48, 0.08
HSL	49°, 72%, 69%
HSV	49°, 48%, 92%
XYZ	60.7616, 66.0070, 27.4106
YIQ	207.7910, 42.0480, -24.1600

Conversions

Conversions Part 2

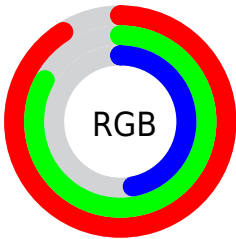
Format	Color
RYB	146, 233, 120
Decimal	15324280
CIELab	85.00, -4.62, 47.85
CIELCh	85, 48.076, 95.514
Yxy	66.0070, 0.3941, 0.4281
Android (android.graphics.Color)	4293514360 (0xFFE9D478)
YUV	207.7910, -43.2810, 22.1083
Hunter-Lab	81.2447, -8.6809, 36.8678

Details

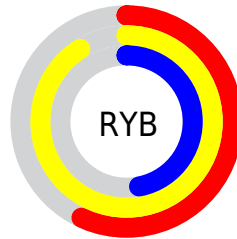
The CIELCh color **85, 48.076, 95.514** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **61, 51.830, 289.227**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 40.585, 107.080**, and **65, 48.408, 95.856** is the 20% darker color. If you saturate the color by 10%, you get **84, 57.393, 94.289**, and if you desaturate by 10%, it is **86, 38.323, 96.738**.

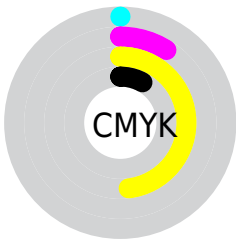
Distribution



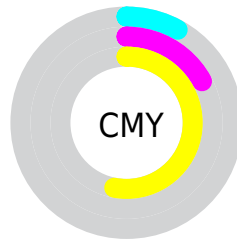
- Red (91%)
- Green (83%)
- Blue (47%)



- Red (57%)
- Yellow (91%)
- Blue (47%)



- Cyan (0%)
- Magenta (9%)
- Yellow (48%)
- Black (8%)



- Cyan (8%)
- Magenta (17%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 48.076, 95.514 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, 48.076, 95.514 by changing the saturation by 10% instead.

 85, 48.076, 95.514

 85, 48.076, 95.514

 100, 48.076,
95.514

 75, 48.076, 95.514

 65, 48.076, 95.514

 55, 48.076, 95.514

 45, 48.076, 95.514

 35, 48.076, 95.514

 25, 48.076, 95.514

 15, 48.076, 95.514

 5, 48.076, 95.514

 0, 48.076, 95.514

85, 48.076, 95.514

85, 48.076, 95.514

84, 57.393, 94.289

86, 38.323, 96.738

82, 65.878, 93.053

88, 28.372, 97.944

81, 72.935, 91.799

89, 18.362, 99.126

80, 77.818, 90.492

91, 8.372, 100.270

79, 80.075, 89.076

93, 1.556, 281.517

79, 80.326, 88.851

94, 8.696, 279.491

95, 7.015, 263.569

96, 6.141, 240.843

98, 6.399, 215.902

Harmonies

Complementary

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



85, 48.076, 95.514



61, 51.830, 289.227

Rectangle

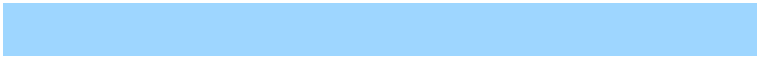
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 48.076, 95.514



85, 48.076, 145.514



85, 48.076, 275.514



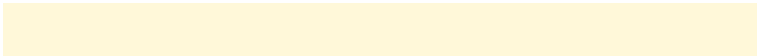
85, 48.076, 325.514

Sweetspot

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



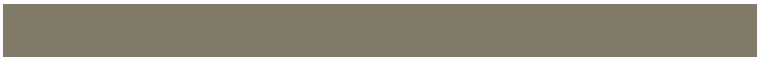
85, 48.077, 95.517



97, 16.035, 99.516



64, 46.543, 9.926



52, 10.948, 99.271



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, 48.077, 95.517



91, 61.224, 94.308



88, 58.222, 119.050



48, 5.663, 100.155



62, 66.520, 89.111



18, 26.014, 91.540

Inverse Universe

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



61, 51.830, 289.227



59, 67.867, 291.669



58, 64.801, 305.481



46, 5.735, 282.380



25, 91.743, 302.849



4, 31.162, 293.953

Previews

White Background



This preview shows how the CIELCh color 85, 48.076, 95.514 looks on a white background.

Color Contrast Check

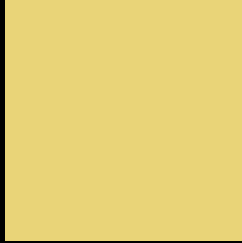
Large Text (above 18pt) WCAG AA × Fail

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, 48.076, 95.514 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, 48.076, 95.514

Background



This preview shows how black text looks on a background with the CIELCh color 85, 48.076, 95.514.



This preview shows how white text looks on a background with the CIELCh color 85, 48.076, 95.514.

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, 48.076, 95.514

Protanopia

85, 48.076, 95.514

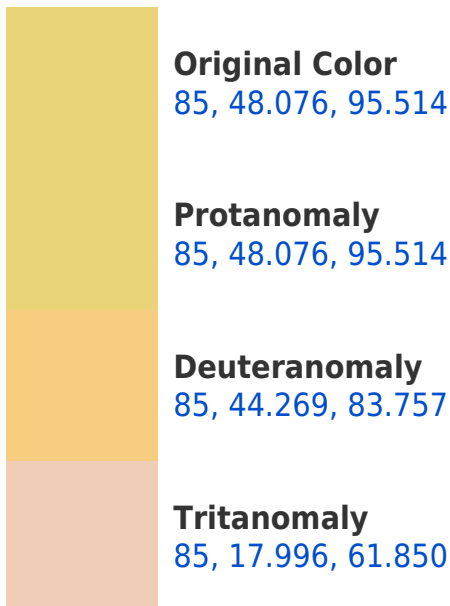
Deuteranopia

85, 42.966, 76.516



Tritanopia
85, 17.522, 352.255

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 48.076, 95.514 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(233, 212, 120)` looks like.

```
.text, #text, p{  
    color:rgb(233, 212, 120)  
}
```

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(233, 212, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 212, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 48.076, 95.514 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(233, 212, 120) }
```

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

```
.border{ border-color:rgb(233, 212, 120) }
```

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

Here you see how a box with a 4 pixel rgb(233, 212, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 212, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 212, 120);  
box-shadow:4px 4px 4px 4px rgb(233, 212,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 48.076, 95.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 212, 120) }
```

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

```
.background{ background-color: rgb(233,  
212, 120) }
```

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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