

Converting Colors

CIELCh(85, 46.282, 95.626)

Have a look what the booklet for
CIELCh(85, 46.282, 95.626) contains.

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Color

CIELCh(85, 46.157, 95.285)

Conversions

Conversions Part 1

Format	Color
Hex	E9D47C
RGB	233, 212, 124
RGB Percent	91%, 83%, 49%
CMY	0.0854, 0.1678, 0.5130
CMYK	0.00, 0.09, 0.47, 0.09
HSL	48°, 71%, 70%
HSV	48°, 47%, 91%
XYZ	60.9175, 66.0070, 28.6617
YIQ	208.2470, 40.7640, -22.9160

Conversions

Conversions Part 2

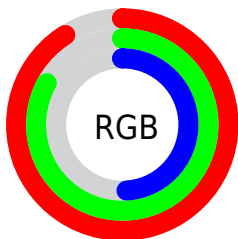
Format	Color
RYB	150, 233, 124
Decimal	15324284
CIELab	85.00, -4.25, 45.96
CIELCh	85, 46.157, 95.285
Yxy	66.0070, 0.3915, 0.4242
Android (android.graphics.Color)	4293514364 (0xFFE9D47C)
YUV	208.2470, -41.5338, 21.7084
Hunter-Lab	81.2447, -8.3384, 35.9548

Details

The CIELCh color **85, 46.157, 95.285** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **62, 49.420, 288.477**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 38.628, 107.231**, and **65, 46.075, 95.690** is the 20% darker color. If you saturate the color by 10%, you get **84, 55.538, 94.048**, and if you desaturate by 10%, it is **86, 36.404, 96.518**.

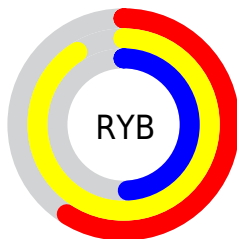
Distribution



Red (91%)

Green (83%)

Blue (49%)



Red (59%)

Yellow (91%)

Blue (49%)

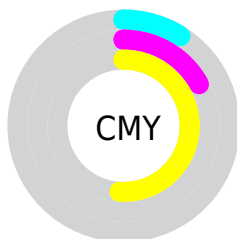


Cyan (0%)

Magenta (9%)

Yellow (47%)

Black (9%)



Cyan (9%)

Magenta (17%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 46.157, 95.285 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, 46.157, 95.285 by changing the saturation by 10% instead.

 85, 46.157, 95.285

 85, 46.157, 95.285

 100, 46.157,
95.285

 75, 46.157, 95.285

 65, 46.157, 95.285

 55, 46.157, 95.285

 45, 46.157, 95.285

 35, 46.157, 95.285

 25, 46.157, 95.285

 15, 46.157, 95.285

 5, 46.157, 95.285

 0, 46.157, 95.285

85, 46.157, 95.285

85, 46.157, 95.285

84, 55.538, 94.048

86, 36.404, 96.518

82, 64.184, 92.796

88, 26.492, 97.729

81, 71.535, 91.523

90, 16.547, 98.914

80, 76.853, 90.194

91, 6.637, 100.055

79, 79.510, 88.747

93, 3.201, 281.253

78, 80.031, 88.259

94, 8.360, 276.740

96, 6.767, 258.793

97, 6.136, 234.113

98, 6.729, 209.393

Harmonies

Complementary

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



85, 46.157, 95.285



62, 49.420, 288.477

Rectangle

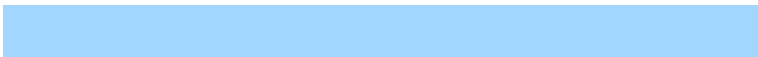
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 46.157, 95.285



85, 46.157, 145.285



85, 46.157, 275.285



85, 46.157, 325.285

Sweetspot

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



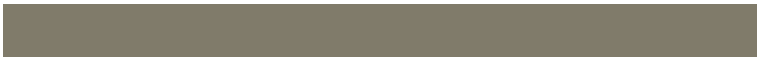
85, 46.158, 95.289



97, 14.857, 99.225



65, 44.824, 9.564



52, 10.265, 98.973



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, 46.158, 95.289



91, 58.958, 94.107



88, 56.298, 119.132



48, 5.623, 99.751



62, 66.307, 88.531



18, 25.866, 91.012

Inverse Universe

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



62, 49.420, 288.477



61, 64.718, 290.798



59, 62.371, 305.324



46, 5.691, 281.989



25, 91.099, 302.638



4, 30.998, 293.793

Previews

White Background



This preview shows how the CIELCh color 85, 46.157, 95.285 looks on a white background.

Color Contrast Check

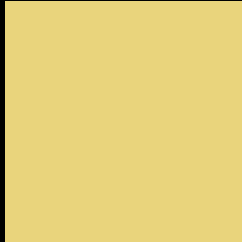
Large Text (above 18pt) WCAG AA × Fail

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, 46.157, 95.285 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, 46.157, 95.285

Background



This preview shows how black text looks on a background with the CIELCh color 85, 46.157, 95.285.



This preview shows how white text looks on a background with the CIELCh color 85, 46.157, 95.285.

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, 46.157, 95.285

Protanopia

85, 46.157, 95.285

Deuteranopia

85, 42.515, 76.242



Tritanopia
85, 17.522, 352.255

Trichromacy



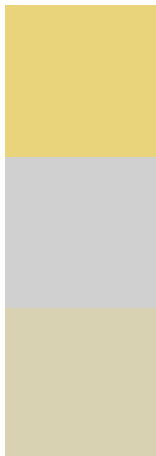
Original Color
85, 46.157, 95.285

Protanomaly
85, 46.157, 95.285

Deuteranomaly
85, 43.331, 83.375

Tritanomaly
85, 17.626, 60.682

Monochromacy



Original Color
85, 46.157, 95.285

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 16.980, 99.571

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 46.157, 95.285 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, 124)` looks like.

```
.text, #text, p{  
    color:rgb(233, 212, 124)  
}
```

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, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 212, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 46.157, 95.285 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, 124) }
```

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

```
.border{ border-color:rgb(233, 212, 124) }
```

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, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 212, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 212, 124);  
box-shadow:4px 4px 4px 4px rgb(233, 212,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 46.157, 95.285 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, 124) }
```

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

```
.background{ background-color: rgb(233,  
212, 124) }
```

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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