

Converting Colors

CIELCh(84, 46.218, 93.518)

Have a look what the booklet for
CIELCh(84, 46.218, 93.518) contains.

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Color

CIELCh(84, 46.539, 93.691)

Conversions

Conversions Part 1

Format	Color
Hex	E9D179
RGB	233, 209, 121
RGB Percent	91%, 82%, 47%
CMY	0.0877, 0.1817, 0.5268
CMYK	0.00, 0.10, 0.48, 0.09
HSL	47°, 71%, 69%
HSV	47°, 48%, 91%
XYZ	59.6317, 64.0658, 27.2073
YIQ	206.1440, 42.5520, -22.2800

Conversions

Conversions Part 2

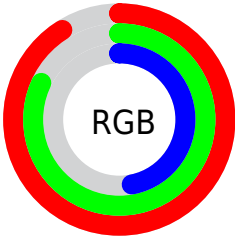
Format	Color
R _Y B	152, 233, 121
Decimal	15323513
CIE Lab	84.00, -3.00, 46.44
CIE LCh	84, 46.539, 93.691
Yxy	64.0658, 0.3952, 0.4245
Android (android.graphics.Color)	4293513593 (0xFFE9D179)
YUV	206.1440, -41.9760, 23.5527
Hunter-Lab	80.0411, -7.0871, 35.8751

Details

The CIELCh color **84, 46.539, 93.691** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **62, 49.510, 287.619**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 40.096, 107.118**, and **64, 46.439, 93.928** is the 20% darker color. If you saturate the color by 10%, you get **82, 55.749, 92.410**, and if you desaturate by 10%, it is **86, 36.963, 94.960**.

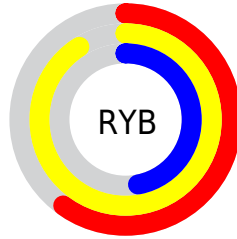
Distribution



Red (91%)

Green (82%)

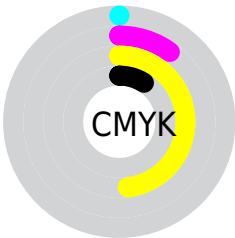
Blue (47%)



Red (60%)

Yellow (91%)

Blue (47%)

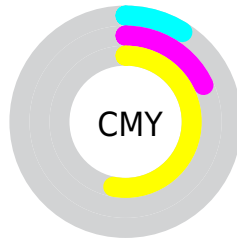


Cyan (0%)

Magenta (10%)

Yellow (48%)

Black (9%)



Cyan (9%)

Magenta (18%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 46.539, 93.691 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 84, 46.539, 93.691 by changing the saturation by 10% instead.

■ 84, 46.539, 93.691

■ 84, 46.539, 93.691

■ 100, 46.539,
93.691

■ 74, 46.539, 93.691

■ 64, 46.539, 93.691

■ 54, 46.539, 93.691

■ 44, 46.539, 93.691

■ 34, 46.539, 93.691

■ 24, 46.539, 93.691

■ 14, 46.539, 93.691

■ 4, 46.539, 93.691

■ 0, 46.539, 93.691

84, 46.539, 93.691

84, 46.539, 93.691

82, 55.749, 92.410

86, 36.963, 94.960

81, 64.215, 91.101

87, 27.241, 96.202

80, 71.353, 89.746

89, 17.498, 97.415

78, 76.399, 88.293

91, 7.805, 98.585

77, 78.815, 86.669

93, 1.803, 279.855

77, 79.135, 86.356

94, 8.669, 277.380

96, 6.901, 258.014

97, 6.302, 231.051

98, 7.154, 205.235

Harmonies

Complementary

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



84, 46.539, 93.691



62, 49.510, 287.619

Rectangle

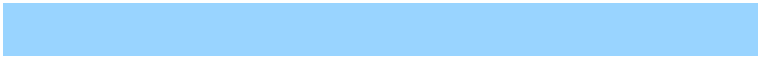
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 46.539, 93.691



84, 46.539, 143.691



84, 46.539, 273.691



84, 46.539, 323.691

Sweetspot

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



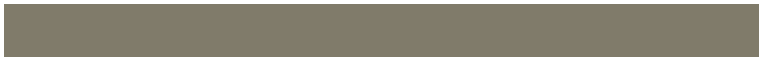
84, 46.540, 93.695



97, 14.533, 97.897



64, 46.161, 8.591



52, 10.043, 97.640



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 46.540, 93.695



90, 59.915, 92.389



88, 57.547, 118.365



48, 5.498, 98.432



61, 65.685, 86.662



18, 25.411, 89.294

Inverse Universe

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



62, 49.510, 287.619



61, 65.380, 290.191



58, 64.154, 304.960



46, 5.556, 280.711



26, 88.974, 301.922



5, 30.455, 293.250

Previews

White Background



This preview shows how the CIELCh color 84, 46.539, 93.691 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 84, 46.539, 93.691 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 84, 46.539, 93.691

Background



This preview shows how black text looks on a background with the CIELCh color 84, 46.539, 93.691.



This preview shows how white text looks on a background with the CIELCh color 84, 46.539, 93.691.

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

84, 46.539, 93.691

Protanopia

84, 46.618, 95.805

Deuteranopia

84, 46.949, 76.839



Tritanopia
84, 18.013, 354.984

Trichromacy



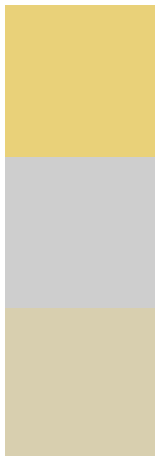
Original Color
84, 46.539, 93.691

Protanomaly
84, 46.703, 95.298

Deuteranomaly
84, 46.338, 82.772

Tritanomaly
84, 18.969, 59.445

Monochromacy



Original Color
84, 46.539, 93.691

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 17.166, 96.978

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 46.539, 93.691 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, 209, 121)` looks like.

```
.text, #text, p{  
    color:rgb(233, 209, 121)  
}
```

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, 209, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 209, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 46.539, 93.691 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, 209, 121) }
```

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

```
.border{ border-color:rgb(233, 209, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 209, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 209, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 209, 121); box-shadow:4px 4px 4px 4px rgb(233, 209, 121) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 46.539, 93.691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 209, 121) }
```

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

```
.background{ background-color: rgb(233,  
209, 121) }
```

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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