

Converting Colors

CIELCh(84, 49.875, 97.262)

Have a look what the booklet for
CIELCh(84, 49.875, 97.262) contains.

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Color

CIELCh(84, 49.807, 97.095)

Conversions

Conversions Part 1

Format	Color
Hex	E4D272
RGB	228, 210, 114
RGB Percent	89%, 82%, 45%
CMY	0.1043, 0.1749, 0.5515
CMYK	0.00, 0.08, 0.50, 0.10
HSL	51°, 68%, 67%
HSV	51°, 50%, 90%
XYZ	58.3224, 64.0658, 25.3198
YIQ	204.4380, 41.5440, -26.0400

Conversions

Conversions Part 2

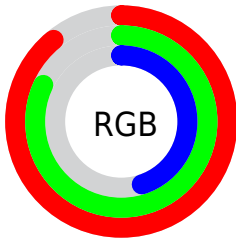
Format	Color
RYB	135, 228, 114
Decimal	14996082
CIELab	84.00, -6.15, 49.43
CIELCh	84, 49.807, 97.095
Yxy	64.0658, 0.3948, 0.4337
Android (android.graphics.Color)	4293186162 (0xFFE4D272)
YUV	204.4380, -44.5859, 20.6639
Hunter-Lab	80.0411, -10.0069, 37.2733

Details

The CIELCh color **84, 49.807, 97.095** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **58, 54.528, 290.976**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 43.504, 106.854**, and **64, 50.034, 97.428** is the 20% darker color. If you saturate the color by 10%, you get **83, 58.977, 95.931**, and if you desaturate by 10%, it is **85, 40.108, 98.270**.

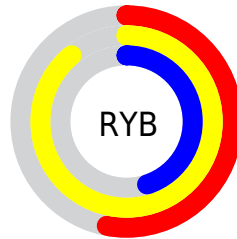
Distribution



Red (89%)

Green (82%)

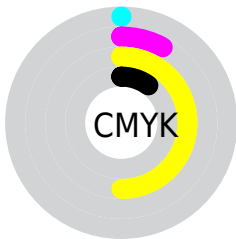
Blue (45%)



Red (53%)

Yellow (89%)

Blue (45%)

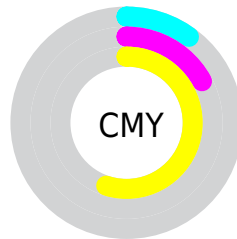


Cyan (0%)

Magenta (8%)

Yellow (50%)

Black (10%)



Cyan (10%)

Magenta (17%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 49.807, 97.095 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, 49.807, 97.095 by changing the saturation by 10% instead.

■ 84, 49.807, 97.095

■ 84, 49.807, 97.095

■ 100, 49.807,
97.095

■ 74, 49.807, 97.095

■ 64, 49.807, 97.095

■ 54, 49.807, 97.095

■ 44, 49.807, 97.095

■ 34, 49.807, 97.095

■ 24, 49.807, 97.095

■ 14, 49.807, 97.095

■ 4, 49.807, 97.095

■ 0, 49.807, 97.095

84, 49.807, 97.095

84, 49.807, 97.095

83, 58.977, 95.931

85, 40.108, 98.270

82, 67.193, 94.776

87, 30.141, 99.438

81, 73.843, 93.630

88, 20.066,
100.589

80, 78.225, 92.469

89, 9.974, 101.711

79, 80.176, 91.261

91, 0.082, 284.640

79, 80.187, 91.252

92, 10.073,
283.898

93, 10.236,
277.064

94, 8.834, 266.147

95, 7.855, 251.931

Harmonies

Complementary

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



84, 49.807, 97.095



58, 54.528, 290.976

Rectangle

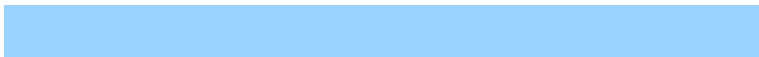
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 49.807, 97.095



84, 49.807, 147.095



84, 49.807, 277.095



84, 49.807, 327.095

Sweetspot

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



84, 49.808, 97.098



98, 16.501, 101.137



62, 47.210, 12.785



52, 11.262, 100.897



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, 49.808, 97.098



91, 64.513, 95.881



86, 59.248, 120.365



48, 5.727, 101.763



63, 66.777, 91.462



18, 25.357, 93.836

Inverse Universe

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



58, 54.528, 290.976



57, 73.050, 293.558



57, 65.838, 306.591



45, 5.809, 283.930



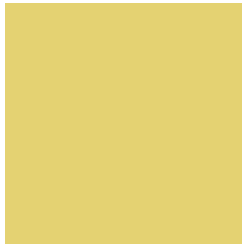
24, 93.186, 303.622



4, 30.011, 293.453

Previews

White Background



This preview shows how the CIELCh color 84, 49.807, 97.095 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, 49.807, 97.095 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, 49.807, 97.095

Background



This preview shows how black text looks on a background with the CIELCh color 84, 49.807, 97.095.



This preview shows how white text looks on a background with the CIELCh color 84, 49.807, 97.095.

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, 49.807, 97.095

Protanopia

84, 50.041, 95.662

Deuteranopia

84, 48.746, 77.732



Tritanopia
84, 16.346, 351.921

Trichromacy



Original Color
84, 49.807, 97.095

Protanomaly
84, 49.959, 96.138

Deuteranomaly
84, 48.551, 85.182

Tritanomaly
84, 18.233, 65.745

Monochromacy



Original Color
84, 49.807, 97.095

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 18.579, 100.134

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 49.807, 97.095 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(228, 210, 114)` looks like.

```
.text, #text, p{  
    color:rgb(228, 210, 114)  
}
```

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(228, 210, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 210, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 49.807, 97.095 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(228, 210, 114) }
```

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

```
.border{ border-color:rgb(228, 210, 114) }
```

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

Here you see how a box with a 4 pixel rgb(228, 210, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 210, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 210, 114);  
box-shadow:4px 4px 4px 4px rgb(228, 210,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 49.807, 97.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 210, 114) }
```

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

```
.background{ background-color: rgb(228,  
210, 114) }
```

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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