

Converting Colors

CIELCh(84, 41.668, 95.704)

Have a look what the booklet for
CIELCh(84, 41.668, 95.704) contains.

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Color

CIELCh(84, 41.668, 95.704)

Conversions

Conversions Part 1

Format	Color
Hex	E5D283
RGB	229, 210, 131
RGB Percent	90%, 82%, 51%
CMY	0.1039, 0.1783, 0.4880
CMYK	0.00, 0.08, 0.43, 0.10
HSL	48°, 65%, 70%
HSV	48°, 43%, 90%
XYZ	59.1542, 64.0658, 30.5638
YIQ	206.6750, 36.6830, -20.5410

Conversions

Conversions Part 2

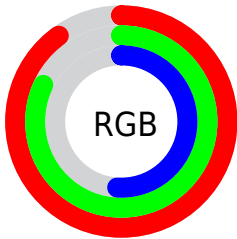
Format	Color
RYB	155, 229, 131
Decimal	15061635
CIELab	84.00, -4.14, 41.46
CIELCh	84, 41.668, 95.704
Yxy	64.0658, 0.3847, 0.4166
Android (android.graphics.Color)	4293251715 (0xFFE5D283)
YUV	206.6750, -37.3078, 19.5790
Hunter-Lab	80.0411, -8.1518, 33.3888

Details

The CIELCh color **84, 41.668, 95.704** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **63, 44.217, 287.548**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 35.183, 107.497**, and **64, 41.697, 95.799** is the 20% darker color. If you saturate the color by 10%, you get **83, 51.068, 94.471**, and if you desaturate by 10%, it is **85, 32.002, 96.931**.

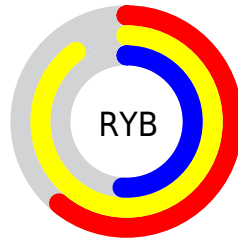
Distribution



Red (90%)

Green (82%)

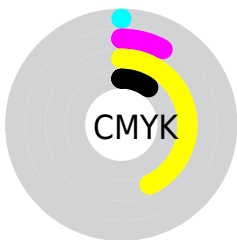
Blue (51%)



Red (61%)

Yellow (90%)

Blue (51%)

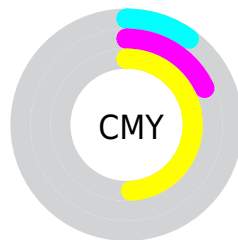


Cyan (0%)

Magenta (8%)

Yellow (43%)

Black (10%)



Cyan (10%)

Magenta (18%)

Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 41.668, 95.704 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, 41.668, 95.704 by changing the saturation by 10% instead.

 84, 41.668, 95.704

 84, 41.668, 95.704

 100, 41.668,
95.704

 74, 41.668, 95.704

 64, 41.668, 95.704

 54, 41.668, 95.704

 44, 41.668, 95.704

 34, 41.668, 95.704

 24, 41.668, 95.704

 14, 41.668, 95.704

 4, 41.668, 95.704

 0, 41.668, 95.704

84, 41.668, 95.704

84, 41.668, 95.704

83, 51.068, 94.471

85, 32.002, 96.931

81, 59.909, 93.223

87, 22.237, 98.133

80, 67.724, 91.959

89, 12.471, 99.304

79, 73.843, 90.656

90, 2.758, 100.398

77, 77.541, 89.260

92, 6.874, 281.586

77, 78.781, 88.189

93, 10.036,
276.074

94, 8.417, 261.751

96, 7.523, 242.594

97, 7.601, 221.388

Harmonies

Complementary

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



84, 41.668, 95.704



63, 44.217, 287.548

Rectangle

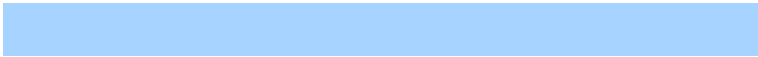
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 41.668, 95.704



84, 41.668, 145.704



84, 41.668, 275.704



84, 41.668, 325.704

Sweetspot

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



84, 41.669, 95.708



98, 13.776, 99.279



66, 40.243, 8.773



52, 9.648, 99.022



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, 41.669, 95.708



91, 53.925, 94.664



87, 51.030, 119.332



47, 5.517, 99.692



61, 65.587, 88.460



17, 24.566, 91.111

Inverse Universe

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



63, 44.217, 287.548



65, 58.343, 289.484



61, 55.947, 304.963



45, 5.583, 281.927



25, 89.969, 302.579



4, 29.198, 292.587

Previews

White Background



This preview shows how the CIELCh color 84, 41.668, 95.704 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, 41.668, 95.704 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, 41.668, 95.704

Background



This preview shows how black text looks on a background with the CIELCh color 84, 41.668, 95.704.



This preview shows how white text looks on a background with the CIELCh color 84, 41.668, 95.704.

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, 41.668, 95.704

Protanopia

84, 41.668, 95.704

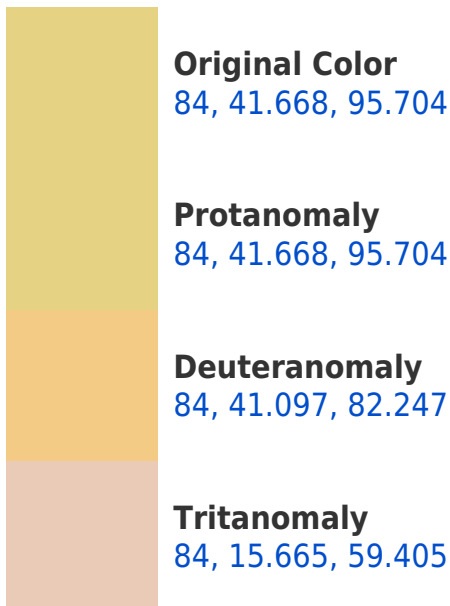
Deuteranopia

84, 41.982, 75.120



Tritanopia
84, 16.269, 349.607

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 41.668, 95.704 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(229, 210, 131)` looks like.

```
.text, #text, p{  
    color:rgb(229, 210, 131)  
}
```

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(229, 210, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 210, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 41.668, 95.704 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(229, 210, 131) }
```

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

```
.border{ border-color:rgb(229, 210, 131) }
```

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

Here you see how a box with a 4 pixel rgb(229, 210, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 210, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 210, 131);  
box-shadow:4px 4px 4px 4px rgb(229, 210,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 41.668, 95.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 210, 131) }
```

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

```
.background{ background-color: rgb(229,  
210, 131) }
```

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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