

Converting Colors

CIELCh(85, 9.256, 105.825)

Have a look what the booklet for
CIELCh(85, 9.256, 105.825) contains.

CIELCh(85, 9.448, 104.825)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(85, 9.448, 104.825)

Conversions

Conversions Part 1

Format	Color
Hex	D7D5C3
RGB	215, 213, 195
RGB Percent	84%, 84%, 76%
CMY	0.1567, 0.1645, 0.2351
CMYK	0.00, 0.01, 0.09, 0.16
HSL	54°, 20%, 80%
HSV	54°, 9%, 84%
XYZ	61.6984, 66.0070, 61.1444
YIQ	211.5460, 6.9700, -5.1740

Conversions

Conversions Part 2

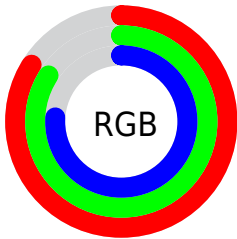
Format	Color
RYB	197, 215, 195
Decimal	14144963
CIELab	85.00, -2.42, 9.13
CIELCh	85, 9.448, 104.825
Yxy	66.0070, 0.3267, 0.3495
Android (android.graphics.Color)	4292335043 (0xFFD7D5C3)
YUV	211.5460, -8.1572, 3.0292
Hunter-Lab	81.2447, -6.6229, 12.2499

Details

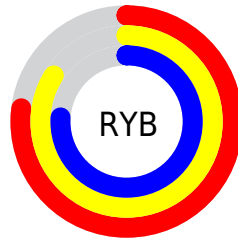
The CIELCh color $85, 9.448, 104.825$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 9.615, 286.854$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 1.510, 110.014$, and $65, 9.434, 104.320$ is the 20% darker color. If you saturate the color by 10%, you get $84, 19.616, 103.778$, and if you desaturate by 10%, it is $86, 0.721, 286.042$.

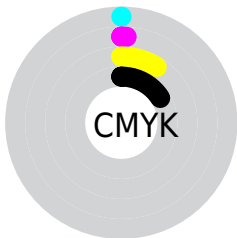
Distribution



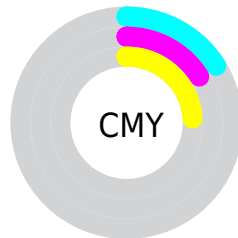
- Red (84%)
- Green (84%)
- Blue (76%)



- Red (77%)
- Yellow (84%)
- Blue (76%)



- Cyan (0%)
- Magenta (1%)
- Yellow (9%)
- Black (16%)



- Cyan (16%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 9.448, 104.825 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, 9.448, 104.825 by changing the saturation by 10% instead.

■ 85, 9.448, 104.825

■ 85, 9.448, 104.825

■ 100, 9.448,
104.825

■ 75, 9.448, 104.825

■ 65, 9.448, 104.825

■ 55, 9.448, 104.825

■ 45, 9.448, 104.825

■ 35, 9.448, 104.825

■ 25, 9.448, 104.825

■ 15, 9.448, 104.825

■ 5, 9.448, 104.825

■ 0, 9.448, 104.825

85, 9.448, 104.825

85, 9.448, 104.825

84, 19.616,
103.778

86, 0.721, 286.042

83, 29.720,
102.701

87, 10.859,
286.904

82, 39.661,
101.621

88, 18.576,
287.124

81, 49.279,
100.554

89, 17.490,
284.379

80, 58.312, 99.518

89, 16.450,
281.292

80, 66.357, 98.533

90, 15.463,
277.811

79, 72.859, 97.615

90, 14.541,
273.887

78, 77.210, 96.773

78, 79.264, 95.988

91, 13.695,
269.470

■ 92, 12.939,
264.521

Harmonies

Complementary

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



85, 9.448, 104.825



80, 9.615, 286.854

Rectangle

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



85, 9.448, 104.825



85, 9.448, 154.825



85, 9.448, 284.825



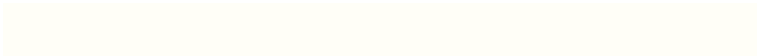
85, 9.448, 334.825

Sweetspot

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



85, 9.450, 104.835



100, 3.490, 105.466



80, 7.528, 11.852



53, 2.648, 105.390



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, 9.450, 104.835



99, 12.837, 104.647



85, 10.907, 125.054



45, 5.748, 104.823



63, 66.938, 96.052



15, 22.584, 98.701

Inverse Universe

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



80, 9.615, 286.854



92, 13.098, 287.070



80, 11.085, 305.963



42, 5.850, 286.868



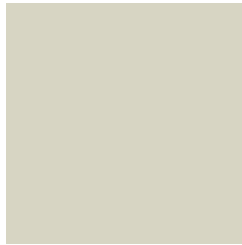
21, 94.188, 304.865



2, 25.669, 291.726

Previews

White Background



This preview shows how the CIELCh color 85, 9.448, 104.825 looks on a white background.

Color Contrast Check

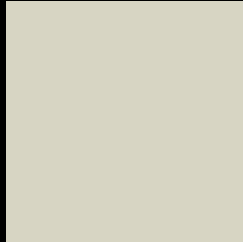
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 85, 9.448, 104.825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

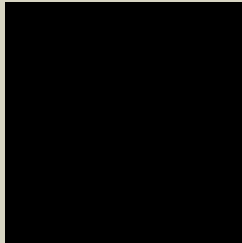
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

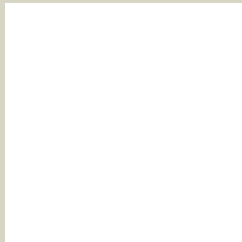
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 9.448, 104.825

Background



This preview shows how black text looks on a background with the CIELCh color 85, 9.448, 104.825.



This preview shows how white text looks on a background with the CIELCh color 85, 9.448, 104.825.

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, 9.448, 104.825

Protanopia

85, 9.516, 88.577

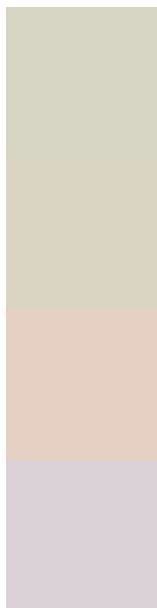
Deuteranopia

85, 13.210, 38.647



Tritanopia
85, 9.187, 313.588

Trichromacy



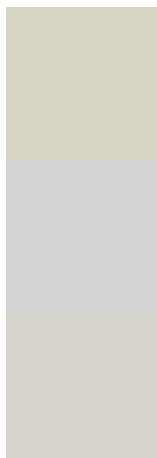
Original Color
85, 9.448, 104.825

Protanomaly
85, 9.681, 95.911

Deuteranomaly
85, 10.426, 56.812

Tritanomaly
85, 3.603, 343.830

Monochromacy



Original Color
85, 9.448, 104.825

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 3.158, 103.238

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 9.448, 104.825 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(215, 213, 195)` looks like.

```
.text, #text, p{  
    color:rgb(215, 213, 195)  
}
```

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(215, 213, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 213, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 9.448, 104.825 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(215, 213, 195) }
```

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

```
.border{ border-color:rgb(215, 213, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 213, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 213, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 213, 195);  
box-shadow:4px 4px 4px 4px rgb(215, 213,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 9.448, 104.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 213, 195) }
```

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

```
.background{ background-color: rgb(215,  
213, 195) }
```

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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