

Converting Colors

CIELCh(85, 8.009, 37.876)

Have a look what the booklet for
CIELCh(85, 8.009, 37.876) contains.

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Color

CIELCh(85, 7.888, 39.203)

Conversions

Conversions Part 1

Format	Color
Hex	E4D0CB
RGB	228, 208, 203
RGB Percent	89%, 82%, 80%
CMY	0.1054, 0.1838, 0.2034
CMYK	0.00, 0.09, 0.11, 0.11
HSL	12°, 32%, 85%
HSV	12°, 11%, 89%
XYZ	65.4176, 66.0070, 65.8723
YIQ	213.4100, 13.5250, 2.6850

Conversions

Conversions Part 2

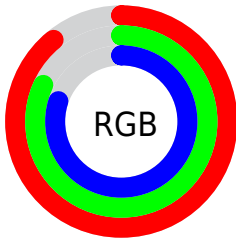
Format	Color
R _Y B	228, 209, 203
Decimal	14995659
CIE Lab	85.00, 6.11, 4.99
CIE LCh	85, 7.888, 39.203
Yxy	66.0070, 0.3316, 0.3346
Android (android.graphics.Color)	4293185739 (0xFFE4D0CB)
YUV	213.4100, -5.1321, 12.7954
Hunter-Lab	81.2447, 1.5486, 8.7996

Details

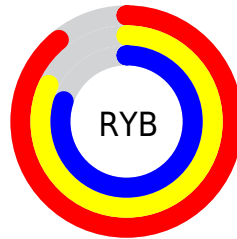
The CIELCh color $85, 7.888, 39.203$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $88, 7.360, 219.903$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $65, 7.646, 41.115$ is the 20% darker color. If you saturate the color by 10%, you get $80, 15.724, 39.181$, and if you desaturate by 10%, it is $90, 0.661, 38.571$.

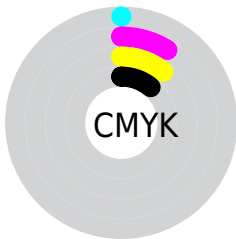
Distribution



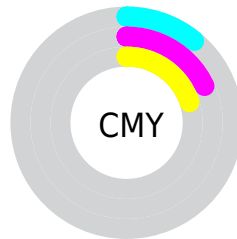
- Red (89%)
- Green (82%)
- Blue (80%)



- Red (89%)
- Yellow (82%)
- Blue (80%)



- Cyan (0%)
- Magenta (9%)
- Yellow (11%)
- Black (11%)



- Cyan (11%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 7.888, 39.203 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, 7.888, 39.203 by changing the saturation by 10% instead.



85, 7.888, 39.203

85, 7.888, 39.203

80, 15.724, 39.181

90, 0.661, 38.571

75, 24.223, 39.252

95, 6.014, 219.834

70, 33.413, 39.488

98, 9.141, 198.900

66, 43.285, 39.933

62, 53.760, 40.613

58, 64.631, 41.513

55, 75.421, 42.500

52, 85.057, 43.169

50, 91.627, 43.181

Harmonies

Complementary

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



85, 7.888, 39.203



88, 7.360, 219.903

Rectangle

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



85, 7.888, 39.203



85, 7.888, 89.203



85, 7.888, 219.203



85, 7.888, 269.203

Sweetspot

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



85, 7.887, 39.221



98, 2.286, 39.149



84, 13.895, 331.189



52, 1.739, 39.193



0, 0.000, 0.000



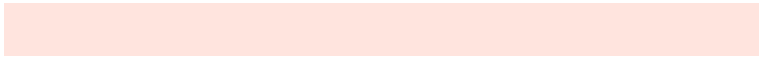
53, 0.007, 296.813

Same Dimension

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



85, 7.887, 39.221



93, 10.330, 39.208



88, 9.502, 92.330



45, 4.082, 39.230



39, 75.864, 43.568



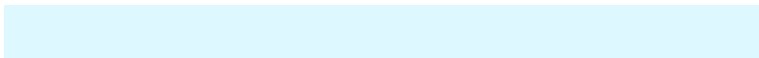
8, 23.641, 33.247

Inverse Universe

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



88, 7.360, 219.903



96, 9.502, 219.974



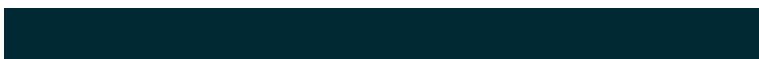
84, 9.530, 275.151



47, 3.848, 219.861



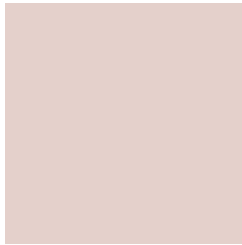
55, 33.613, 235.494



14, 13.983, 228.768

Previews

White Background



This preview shows how the CIELCh color 85, 7.888, 39.203 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, 7.888, 39.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

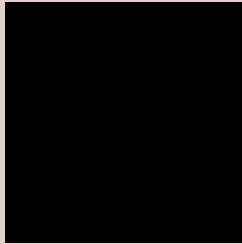
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 7.888, 39.203

Background



This preview shows how black text looks on a background with the CIELCh color 85, 7.888, 39.203.

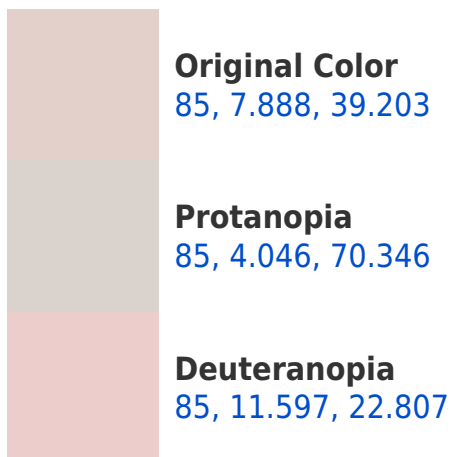


This preview shows how white text looks on a background with the CIELCh color 85, 7.888, 39.203.

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





Tritanopia
85, 12.648, 338.737

Trichromacy



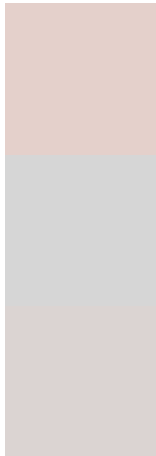
Original Color
85, 7.888, 39.203

Protanomaly
85, 5.424, 54.960

Deuteranomaly
85, 10.125, 26.017

Tritanomaly
85, 9.974, 351.901

Monochromacy



Original Color
85, 7.888, 39.203

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 2.750, 41.749

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 7.888, 39.203 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, 208, 203)` looks like.

```
.text, #text, p{  
    color:rgb(228, 208, 203)  
}
```

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, 208, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 208, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 7.888, 39.203 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, 208, 203) }
```

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

```
.border{ border-color:rgb(228, 208, 203) }
```

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

Here you see how a box with a 4 pixel rgb(228, 208, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 208, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 208, 203);  
box-shadow:4px 4px 4px 4px rgb(228, 208,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 7.888, 39.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 208, 203) }
```

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

```
.background{ background-color: rgb(228,  
208, 203) }
```

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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