

Converting Colors

CIELCh(85, 0.357, 201.003)

Have a look what the booklet for
CIELCh(85, 0.357, 201.003) contains.

CIELCh(85, 0.360, 200.982)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(85, 0.360, 200.982)

Conversions

Conversions Part 1

Format	Color
Hex	D3D4D4
RGB	211, 212, 212
RGB Percent	83%, 83%, 83%
CMY	0.1708, 0.1668, 0.1668
CMYK	0.00, 0.00, 0.00, 0.17
HSL	180°, 1%, 83%
HSV	180°, 0%, 83%
XYZ	62.5925, 66.0070, 72.0302
YIQ	211.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

Format	Color
R _Y B	211, 212, 212
Decimal	13882580
CIE Lab	85.00, -0.34, -0.13
CIE LCh	85, 0.360, 200.982
Yxy	66.0070, 0.3120, 0.3290
Android (android.graphics.Color)	4292072660 (0xFFD3D4D4)
YUV	211.7010, 0.1474, -0.6148
Hunter-Lab	81.2447, -4.6584, 4.3058

Details

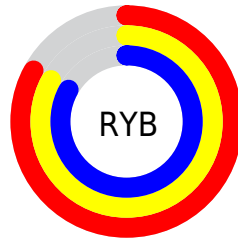
The CIELCh color $85, 0.360, 200.982$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $85, 0.365, 17.559$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $65, 0.008, 296.813$ is the 20% darker color. If you saturate the color by 10%, you get $83, 7.840, 198.602$, and if you desaturate by 10%, it is $87, 7.437, 19.585$.

Distribution



- Red (83%)
- Green (83%)
- Blue (83%)



- Red (83%)
- Yellow (83%)
- Blue (83%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (17%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 0.360, 200.982 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, 0.360, 200.982 by changing the saturation by 10% instead.

■ 85, 0.360, 200.982

■ 85, 0.360, 200.982

100, 0.360,
200.982

■ 75, 0.360, 200.982

■ 65, 0.360, 200.982

■ 55, 0.360, 200.982

■ 45, 0.360, 200.982

■ 35, 0.360, 200.982

■ 25, 0.360, 200.982

■ 15, 0.360, 200.982

■ 5, 0.360, 200.982

■ 0, 0.360, 200.982

85, 0.360, 200.982

85, 0.360, 200.982

83, 7.840, 198.602

87, 7.437, 19.585

82, 14.889,
198.052

89, 15.457, 20.229

81, 21.385,
197.570

89, 15.857, 20.126

89, 15.855, 19.985

80, 27.204,
197.145

89, 15.853, 19.843

79, 32.232,
196.780

89, 15.851, 19.701

89, 15.850, 19.560

78, 36.373,
196.475

89, 15.848, 19.418

78, 39.570,
196.233

89, 15.847, 19.276

78, 41.813,
196.049

■ 77, 43.154,
195.919

Harmonies

Complementary

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



85, 0.360, 200.982



85, 0.365, 17.559

Rectangle

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



85, 0.360, 200.982



85, 0.360, 250.982



85, 0.360, 20.982



85, 0.360, 70.982

Sweetspot

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



85, 0.361, 200.678

100, 0.012, 296.813



85, 0.632, 144.394



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



85, 0.361, 200.678



100, 0.886, 199.797



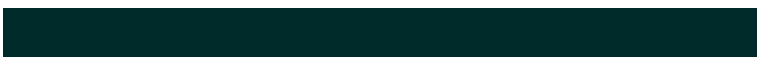
85, 0.322, 254.884



45, 0.437, 199.855



63, 37.217, 195.842



15, 14.589, 195.941

Inverse Universe

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



85, 0.365, 17.559



99, 0.895, 18.431



85, 0.308, 72.241



45, 0.441, 18.374



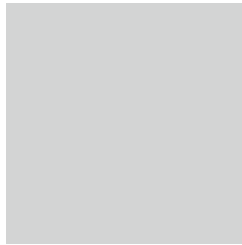
35, 77.196, 39.754



5, 21.997, 19.607

Previews

White Background



This preview shows how the CIELCh color 85, 0.360, 200.982 looks on a white background.

Color Contrast Check

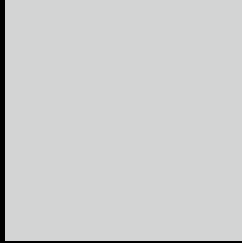
Large Text (above 18pt) WCAG AA × Fail

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 85, 0.360, 200.982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

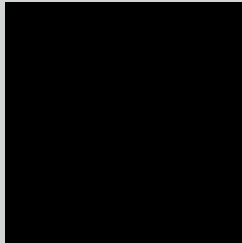
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

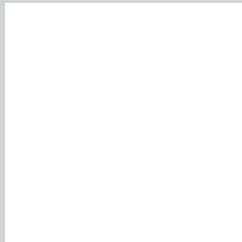
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 0.360, 200.982

Background



This preview shows how black text looks on a background with the CIELCh color 85, 0.360, 200.982.

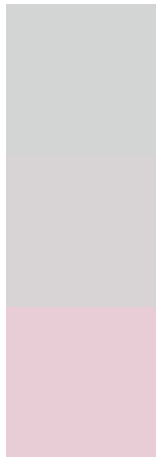


This preview shows how white text looks on a background with the CIELCh color 85, 0.360, 200.982.

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, 0.360, 200.982

Protanopia

85, 1.897, 3.174

Deuteranopia

85, 10.972, 354.763



Tritanopia
85, 9.087, 299.840

Trichromacy



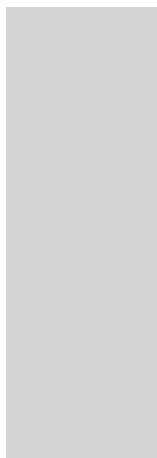
Original Color
85, 0.360, 200.982

Protanomaly
85, 0.725, 18.664

Deuteranomaly
85, 6.755, 357.005

Tritanomaly
85, 5.848, 297.645

Monochromacy



Original Color
85, 0.360, 200.982

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 0.010, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 0.360, 200.982 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(211, 212, 212)` looks like.

```
.text, #text, p{  
    color:rgb(211, 212, 212)  
}
```

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(211, 212, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 212, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 0.360, 200.982 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(211, 212, 212) }
```

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

```
.border{ border-color:rgb(211, 212, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 212, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 212, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 212, 212);  
box-shadow:4px 4px 4px 4px rgb(211, 212,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 0.360, 200.982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 212, 212) }
```

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

```
.background{ background-color: rgb(211,  
212, 212) }
```

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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