

Converting Colors

CIELCh(86, 0.379, 200.612)

Have a look what the booklet for
CIELCh(86, 0.379, 200.612) contains.

CIELCh(86, 0.359, 201.004)	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(86, 0.359, 201.004)

Conversions

Conversions Part 1

Format	Color
Hex	D6D7D7
RGB	214, 215, 215
RGB Percent	84%, 84%, 84%
CMY	0.1598, 0.1558, 0.1558
CMYK	0.00, 0.00, 0.00, 0.16
HSL	180°, 1%, 84%
HSV	180°, 0%, 84%
XYZ	64.4720, 67.9871, 74.1890
YIQ	214.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

Format	Color
R _Y B	214, 215, 215
Decimal	14079959
CIE Lab	86.00, -0.34, -0.13
CIE LCh	86, 0.359, 201.004
Yxy	67.9871, 0.3120, 0.3290
Android (android.graphics.Color)	4292270039 (0xFFD6D7D7)
YUV	214.7010, 0.1474, -0.6148
Hunter-Lab	82.4543, -4.7236, 4.3713

Details

The CIELCh color $86, 0.359, 201.004$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $86, 0.364, 17.537$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $66, 0.379, 200.605$ is the 20% darker color. If you saturate the color by 10%, you get $84, 7.920, 198.599$, and if you desaturate by 10%, it is $88, 7.522, 19.583$.

Distribution



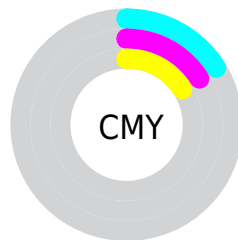
- Red (84%)
- Green (84%)
- Blue (84%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 0.359, 201.004 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 86, 0.359, 201.004 by changing the saturation by 10% instead.



86, 0.359, 201.004

86, 0.359, 201.004

84, 7.920, 198.599

88, 7.522, 19.583

83, 15.043,
198.049

89, 14.749, 20.144

82, 21.608,
197.567

89, 14.747, 19.988

81, 27.488,
197.141

89, 14.746, 19.833

80, 32.567,
196.776

89, 14.744, 19.678

79, 36.749,
196.471

89, 14.743, 19.522

79, 39.976,
196.228

89, 14.741, 19.367

79, 42.238,
196.044

89, 14.740, 19.211

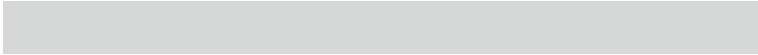
89, 14.739, 19.056

■ 78, 43.588,
195.915

Harmonies

Complementary

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



86, 0.359, 201.004



86, 0.364, 17.537

Rectangle

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



86, 0.359, 201.004



86, 0.359, 251.004



86, 0.359, 21.004



86, 0.359, 71.004

Sweetspot

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



86, 0.360, 200.696

100, 0.012, 296.813



86, 0.630, 144.400



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



86, 0.360, 200.696



100, 0.886, 199.795



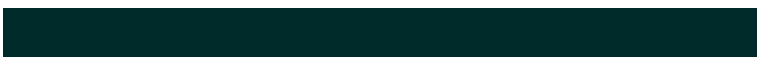
86, 0.321, 254.899



45, 0.437, 199.852



63, 37.218, 195.837



15, 14.589, 195.937

Inverse Universe

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



86, 0.364, 17.537



99, 0.895, 18.429



86, 0.307, 72.225



45, 0.441, 18.371



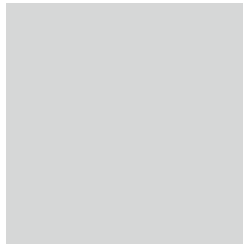
35, 77.194, 39.753



5, 21.997, 19.606

Previews

White Background



This preview shows how the CIELCh color 86, 0.359, 201.004 looks on a white background.

Color Contrast Check

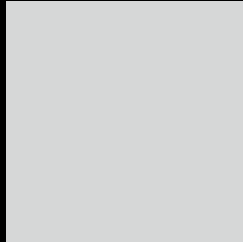
Large Text (above 18pt) WCAG AA × Fail

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 86, 0.359, 201.004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

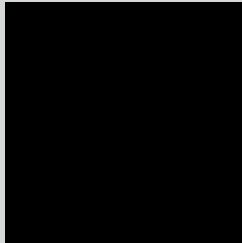
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

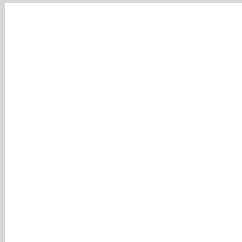
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 0.359, 201.004

Background



This preview shows how black text looks on a background with the CIELCh color 86, 0.359, 201.004.

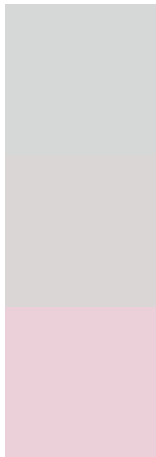


This preview shows how white text looks on a background with the CIELCh color 86, 0.359, 201.004.

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

86, 0.359, 201.004

Protanopia

86, 1.813, 19.217

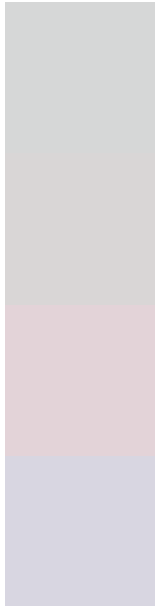
Deuteranopia

86, 10.942, 354.748



Tritanopia
86, 9.063, 299.834

Trichromacy



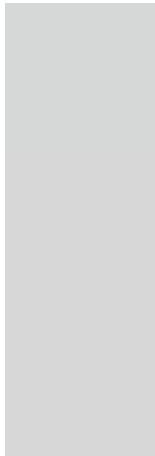
Original Color
86, 0.359, 201.004

Protanomaly
86, 1.086, 18.950

Deuteranomaly
86, 6.400, 355.680

Tritanomaly
86, 5.833, 297.640

Monochromacy



Original Color
86, 0.359, 201.004

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 0.010, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 0.359, 201.004 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(214, 215, 215)` looks like.

```
.text, #text, p{  
    color:rgb(214, 215, 215)  
}
```

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(214, 215, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 215, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 0.359, 201.004 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(214, 215, 215) }
```

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

```
.border{ border-color:rgb(214, 215, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 215, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 215, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 215, 215);  
box-shadow:4px 4px 4px 4px rgb(214, 215,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 0.359, 201.004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 215, 215) }
```

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

```
.background{ background-color: rgb(214,  
215, 215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor