

Converting Colors

CIELCh(86, 1.311, 324.203)

Have a look what the booklet for
CIELCh(86, 1.311, 324.203) contains.

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Color

CIELCh(86, 1.748, 314.623)

Conversions

Conversions Part 1

Format	Color
Hex	D8D6D9
RGB	216, 214, 217
RGB Percent	85%, 84%, 85%
CMY	0.1514, 0.1592, 0.1474
CMYK	0.00, 0.01, 0.00, 0.15
HSL	280°, 4%, 85%
HSV	280°, 1%, 85%
XYZ	65.1626, 67.9871, 75.6086
YIQ	214.9400, 0.2290, 1.3570

Conversions

Conversions Part 2

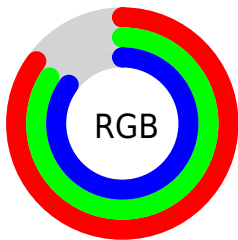
Format	Color
RYB	216, 214, 217
Decimal	14210777
CIELab	86.00, 1.23, -1.24
CIElCh	86, 1.748, 314.623
Yxy	67.9871, 0.3121, 0.3257
Android (android.graphics.Color)	4292400857 (0xFFD8D6D9)
YUV	214.9400, 1.0156, 0.9296
Hunter-Lab	82.4543, -3.2286, 3.3505

Details

The CIELCh color $86, 1.748, 314.623$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $87, 1.724, 134.706$, 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 $66, 1.844, 314.665$ is the 20% darker color. If you saturate the color by 10%, you get $80, 14.512, 315.119$, and if you desaturate by 10%, it is $92, 10.697, 134.339$.

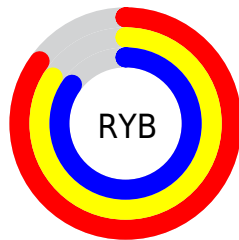
Distribution



Red (85%)

Green (84%)

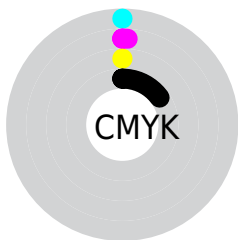
Blue (85%)



Red (85%)

Yellow (84%)

Blue (85%)

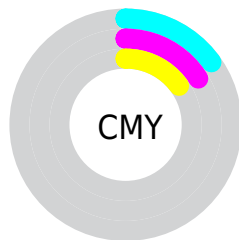


Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 1.748, 314.623 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, 1.748, 314.623 by changing the saturation by 10% instead.

■ 86, 1.748, 314.623

■ 86, 1.748, 314.623

100, 1.748,
314.623

■ 76, 1.748, 314.623

■ 66, 1.748, 314.623

■ 56, 1.748, 314.623

■ 46, 1.748, 314.623

■ 36, 1.748, 314.623

■ 26, 1.748, 314.623

■ 16, 1.748, 314.623

■ 6, 1.748, 314.623

■ 0, 1.748, 314.623

86, 1.748, 314.623

86, 1.748, 314.623

80, 14.512,
315.119

92, 10.697,
134.339

74, 27.542,
315.562

97, 21.052,
133.188

68, 40.727,
316.006

98, 20.060,
126.525

62, 53.882,
316.434

98, 19.371,
119.168

57, 66.707,
316.814

99, 19.034,
111.311

52, 78.761,
317.102

99, 19.007,
108.739

48, 89.440,
317.238

44, 98.033,
317.150

■ 41,103.903,
316.766

Harmonies

Complementary

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



86, 1.748, 314.623



87, 1.724, 134.706

Rectangle

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



86, 1.748, 314.623



86, 1.748, 4.623



86, 1.748, 134.623



86, 1.748, 184.623

Sweetspot

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



86, 1.746, 314.609

100, 0.012, 296.813



86, 1.092, 270.185



53, 0.007, 296.813



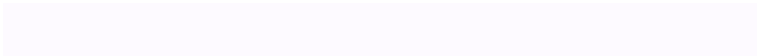
0, 0.000, 0.000

Same Dimension

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



86, 1.746, 314.609



99, 2.879, 314.668



86, 1.736, 328.744



46, 1.446, 314.658



31, 90.230, 316.367



4, 32.554, 316.031

Inverse Universe

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



86, 1.213, 353.382



99, 2.003, 353.569



87, 1.718, 148.944



46, 1.006, 353.538



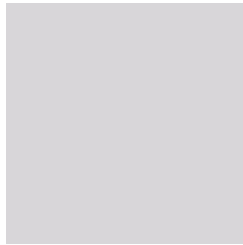
36, 64.641, 17.719



6, 23.999, 5.124

Previews

White Background



This preview shows how the CIELCh color 86, 1.748, 314.623 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, 1.748, 314.623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

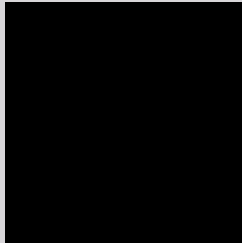
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

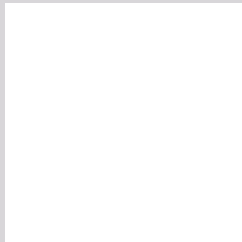
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 1.748, 314.623

Background



This preview shows how black text looks on a background with the CIELCh color 86, 1.748, 314.623.

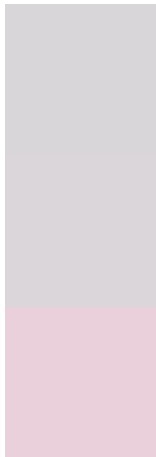


This preview shows how white text looks on a background with the CIELCh color 86, 1.748, 314.623.

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, 1.748, 314.623

Protanopia

86, 2.153, 332.298

Deuteranopia

86, 11.095, 348.980



Tritanopia
86, 8.614, 302.665

Trichromacy



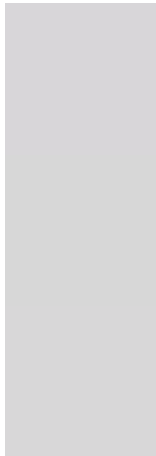
Original Color
86, 1.748, 314.623

Protanomaly
86, 1.928, 324.376

Deuteranomaly
86, 7.787, 347.388

Tritanomaly
86, 5.891, 301.062

Monochromacy



Original Color
86, 1.748, 314.623

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 0.649, 324.047

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 1.748, 314.623 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(216, 214, 217)` looks like.

```
.text, #text, p{  
    color:rgb(216, 214, 217)  
}
```

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(216, 214, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 214, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 1.748, 314.623 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(216, 214, 217) }
```

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

```
.border{ border-color:rgb(216, 214, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 214, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 214, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 214, 217);  
box-shadow:4px 4px 4px 4px rgb(216, 214,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 1.748, 314.623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 214, 217) }
```

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

```
.background{ background-color: rgb(216,  
214, 217) }
```

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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