

Converting Colors

CIELCh(86, 6.612, 298.373)

Have a look what the booklet for
CIELCh(86, 6.612, 298.373) contains.

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Color

CIELCh(86, 6.354, 297.097)

Conversions

Conversions Part 1

Format	Color
Hex	D8D6E2
RGB	216, 214, 226
RGB Percent	85%, 84%, 89%
CMY	0.1540, 0.1618, 0.1148
CMYK	0.04, 0.05, 0.00, 0.11
HSL	250°, 17%, 86%
HSV	250°, 5%, 89%
XYZ	65.9043, 67.9871, 81.4017
YIQ	215.9660, -2.6600, 4.1560

Conversions

Conversions Part 2

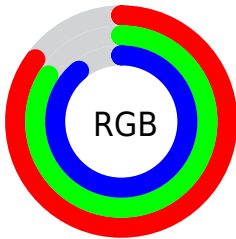
Format	Color
R _Y B	216, 214, 226
Decimal	14210786
CIE Lab	86.00, 2.89, -5.66
CIE LCh	86, 6.354, 297.097
Yxy	67.9871, 0.3061, 0.3158
Android (android.graphics.Color)	4292400866 (0xFFD8D6E2)
YUV	215.9660, 4.9468, 0.0298
Hunter-Lab	82.4543, -1.6230, -0.8151

Details

The CIELCh color `86, 6.354, 297.097` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `89, 6.264, 116.316`, 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, 6.711, 297.220` is the 20% darker color. If you saturate the color by 10%, you get `79, 18.648, 297.917`, and if you desaturate by 10%, it is `93, 5.476, 116.375`.

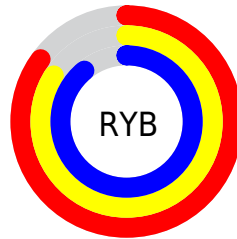
Distribution



Red (85%)

Green (84%)

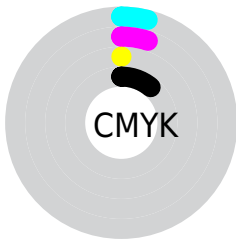
Blue (89%)



Red (85%)

Yellow (84%)

Blue (89%)

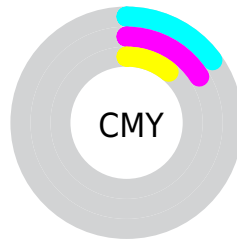


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (11%)



Cyan (15%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 6.354, 297.097 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, 6.354, 297.097 by changing the saturation by 10% instead.

■ 86, 6.354, 297.097

■ 86, 6.354, 297.097

100, 6.354,
297.097

■ 76, 6.354, 297.097

■ 66, 6.354, 297.097

■ 56, 6.354, 297.097

■ 46, 6.354, 297.097

■ 36, 6.354, 297.097

■ 26, 6.354, 297.097

■ 16, 6.354, 297.097

■ 6, 6.354, 297.097

■ 0, 6.354, 297.097

86, 6.354, 297.097

86, 6.354, 297.097

79, 18.648,
297.917

93, 5.476, 116.375

72, 31.437,
298.876

99, 14.830,
111.368

65, 44.724,
299.977

99, 14.812,
109.058

57, 58.473,
301.218

51, 72.548,
302.576

44, 86.595,
303.985

38, 99.865,
305.310

33, 111.039,
306.336

■ 30,118.454,
306.819

Harmonies

Complementary

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



86, 6.354, 297.097



89, 6.264, 116.316

Rectangle

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



86, 6.354, 297.097



86, 6.354, 347.097



86, 6.354, 117.097



86, 6.354, 167.097

Sweetspot

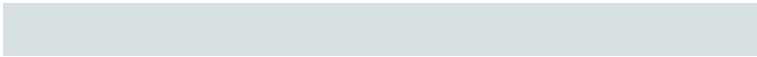
The Sweet Spot groups the original color and five complimentary colors.



86, 6.352, 297.088



98, 2.630, 296.841



88, 3.701, 214.025



52, 1.495, 296.834



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 6.352, 297.088



95, 7.928, 297.144



86, 6.912, 314.322



45, 4.739, 297.188



22, 100.138, 307.019



2, 31.931, 299.846

Inverse Universe

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



87, 6.815, 329.655



96, 8.499, 329.705



89, 6.862, 133.936



45, 5.078, 329.744



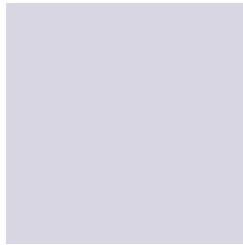
40, 76.871, 336.147



7, 32.101, 334.644

Previews

White Background



This preview shows how the CIELCh color 86, 6.354, 297.097 looks on a white background.

Color Contrast Check

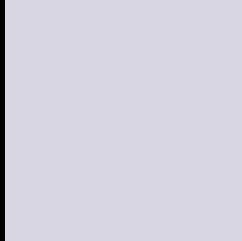
Large Text (above 18pt) WCAG AA × Fail

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 86, 6.354, 297.097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

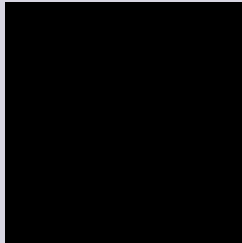
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

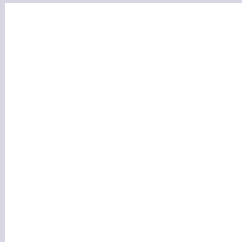
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 6.354, 297.097

Background



This preview shows how black text looks on a background with the CIELCh color 86, 6.354, 297.097.

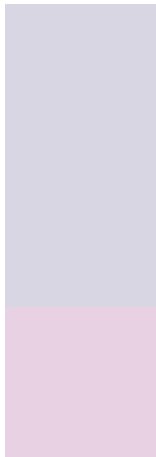


This preview shows how white text looks on a background with the CIELCh color 86, 6.354, 297.097.

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, 6.354, 297.097

Protanopia

86, 6.354, 297.097

Deuteranopia

86, 12.345, 330.459



Tritanopia
86, 9.011, 297.629

Trichromacy



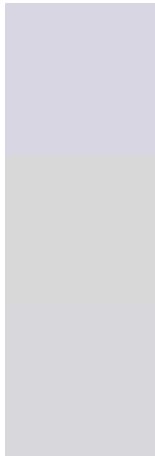
Original Color
86, 6.354, 297.097

Protanomaly
86, 6.354, 297.097

Deuteranomaly
86, 9.818, 321.313

Tritanomaly
86, 7.970, 298.453

Monochromacy



Original Color
86, 6.354, 297.097

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 2.659, 298.143

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 6.354, 297.097 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(216, 214, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 214, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 6.354, 297.097 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, 226) }
```

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

```
.border{ border-color:rgb(216, 214, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 214, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 214, 226);  
box-shadow:4px 4px 4px 4px rgb(216, 214,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 6.354, 297.097 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, 226) }
```

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

```
.background{ background-color: rgb(216,  
214, 226) }
```

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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