

Converting Colors

CIELCh(86, 4.555, 208.969)

Have a look what the booklet for
CIELCh(86, 4.555, 208.969) contains.

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Color

CIELCh(86, 4.620, 205.736)

Conversions

Conversions Part 1

Format	Color
Hex	CDDADB
RGB	205, 218, 219
RGB Percent	80%, 85%, 86%
CMY	0.1974, 0.1465, 0.1425
CMYK	0.06, 0.00, 0.00, 0.14
HSL	184°, 16%, 83%
HSV	184°, 6%, 86%
XYZ	62.8020, 67.9871, 76.5887
YIQ	214.2270, -8.0690, -2.4450

Conversions

Conversions Part 2

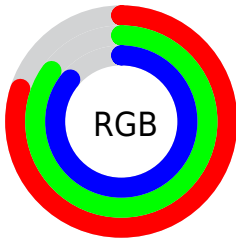
Format	Color
R _Y B	205, 212, 219
Decimal	13490907
CIE Lab	86.00, -4.16, -2.01
CIE LCh	86, 4.620, 205.736
Yxy	67.9871, 0.3028, 0.3278
Android (android.graphics.Color)	4291680987 (0xFFCDDADB)
YUV	214.2270, 2.3531, -8.0921
Hunter-Lab	82.4543, -8.3391, 2.6457

Details

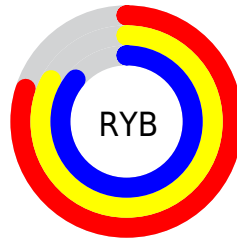
The CIELCh color $86, 4.620, 205.736$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84, 4.814, 25.886$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $66, 4.489, 206.222$ is the 20% darker color. If you saturate the color by 10%, you get $84, 11.518, 205.392$, and if you desaturate by 10%, it is $88, 2.657, 25.669$.

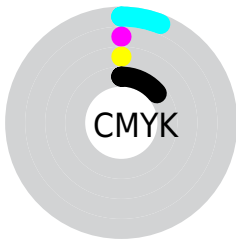
Distribution



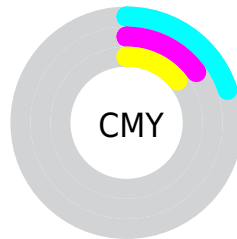
- Red (80%)
- Green (85%)
- Blue (86%)



- Red (80%)
- Yellow (83%)
- Blue (86%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)



- Cyan (20%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 4.620, 205.736 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, 4.620, 205.736 by changing the saturation by 10% instead.

■ 86, 4.620, 205.736

■ 86, 4.620, 205.736

■ 100, 4.620,
205.736

■ 76, 4.620, 205.736

■ 66, 4.620, 205.736

■ 56, 4.620, 205.736

■ 46, 4.620, 205.736

■ 36, 4.620, 205.736

■ 26, 4.620, 205.736

■ 16, 4.620, 205.736

■ 6, 4.620, 205.736

■ 0, 4.620, 205.736

86, 4.620, 205.736

86, 4.620, 205.736

84, 11.518,
205.392

88, 2.657, 25.669

82, 17.925,
205.213

90, 10.218, 26.194

91, 12.225, 29.077

81, 23.721,
205.148

92, 11.817, 33.274

79, 28.788,
205.213

92, 11.478, 37.744

92, 11.214, 42.453

78, 33.018,
205.430

93, 11.030, 47.351

77, 36.329,
205.824

93, 10.930, 52.374

93, 10.916, 57.445

76, 38.680,
206.420

76, 40.090,
207.243

■ 75, 40.653,
208.305

Harmonies

Complementary

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



86, 4.620, 205.736



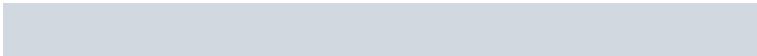
84, 4.814, 25.886

Rectangle

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



86, 4.620, 205.736



86, 4.620, 255.736



86, 4.620, 25.736



86, 4.620, 75.736

Sweetspot

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



86, 4.621, 205.712



100, 1.653, 206.116



86, 8.564, 145.942



53, 0.940, 206.140



0, 0.000, 0.000



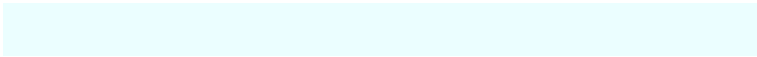
53, 0.007, 296.813

Same Dimension

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



86, 4.621, 205.712



98, 6.515, 205.640



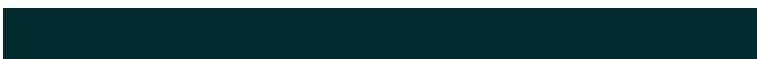
84, 4.667, 263.184



45, 4.076, 205.590



60, 34.312, 208.512



15, 13.963, 206.248

Inverse Universe

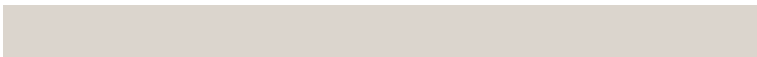
The Inverse Universe completely reimagines the original color for something new.



84, 8.557, 326.744



95, 12.129, 326.846



85, 4.697, 81.401



43, 7.622, 326.928



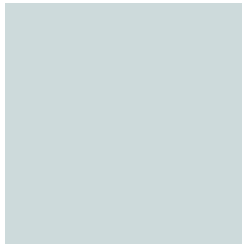
40, 81.869, 331.269



7, 32.884, 330.640

Previews

White Background



This preview shows how the CIELCh color 86, 4.620, 205.736 looks on a white background.

Color Contrast Check

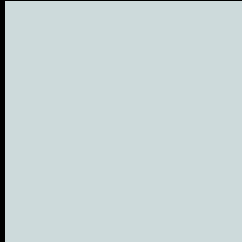
Large Text (above 18pt) WCAG AA × Fail

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, 4.620, 205.736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

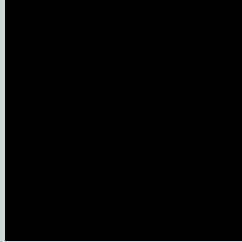
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

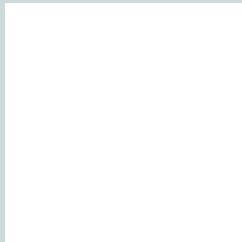
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 4.620, 205.736

Background



This preview shows how black text looks on a background with the CIELCh color 86, 4.620, 205.736.

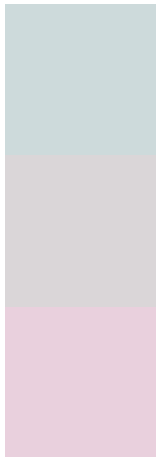


This preview shows how white text looks on a background with the CIELCh color 86, 4.620, 205.736.

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](#).

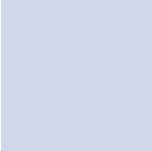
Dichromacy



Original Color
86, 4.620, 205.736

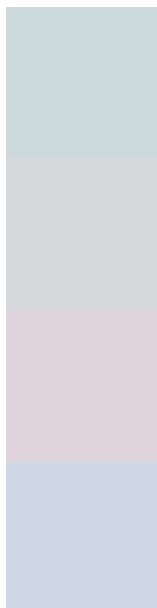
Protanopia
86, 1.800, 343.560

Deuteranopia
86, 11.362, 343.440



Tritanopia
86, 9.789, 274.610

Trichromacy



Original Color
86, 4.620, 205.736

Protanomaly
86, 1.268, 255.950

Deuteranomaly
86, 5.805, 333.471

Tritanomaly
86, 7.133, 261.519

Monochromacy



Original Color
86, 4.620, 205.736

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 1.520, 219.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 4.620, 205.736 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(205, 218, 219)` looks like.

```
.text, #text, p{  
    color:rgb(205, 218, 219)  
}
```

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(205, 218, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 218, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 4.620, 205.736 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(205, 218, 219) }
```

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

```
.border{ border-color:rgb(205, 218, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 218, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 218, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 218, 219);  
box-shadow:4px 4px 4px 4px rgb(205, 218,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 4.620, 205.736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 218, 219) }
```

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

```
.background{ background-color: rgb(205,  
218, 219) }
```

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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