

Converting Colors

CIELCh(86, 0.405, 230.894)

Have a look what the booklet for
CIELCh(86, 0.405, 230.894) contains.

CIELCh(86, 0.639, 256.139)	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, 0.639, 256.139)

Conversions

Conversions Part 1

Format	Color
Hex	D6D7D8
RGB	214, 215, 216
RGB Percent	84%, 84%, 85%
CMY	0.1601, 0.1561, 0.1522
CMYK	0.01, 0.00, 0.00, 0.15
HSL	210°, 3%, 84%
HSV	210°, 1%, 85%
XYZ	64.5522, 67.9871, 74.8126
YIQ	214.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

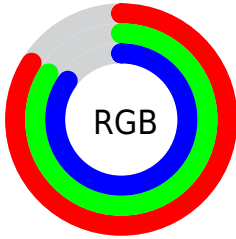
Format	Color
R_{YB}	214, 215, 216
Decimal	14079960
CIE Lab	86.00, -0.15, -0.62
CIE LCh	86, 0.639, 256.139
Yxy	67.9871, 0.3113, 0.3279
Android (android.graphics.Color)	4292270040 (0xFFD6D7D8)
YUV	214.8150, 0.5842, -0.7148
Hunter-Lab	82.4543, -4.5500, 3.9229

Details

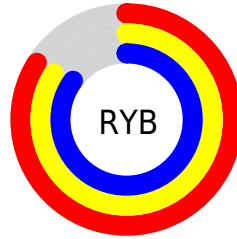
The CIELCh color $86, 0.639, 256.139$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $86, 0.624, 74.484$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $66, 0.673, 256.030$ is the 20% darker color. If you saturate the color by 10%, you get $82, 7.421, 256.711$, and if you desaturate by 10%, it is $90, 6.189, 74.140$.

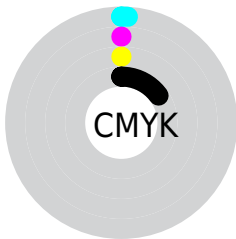
Distribution



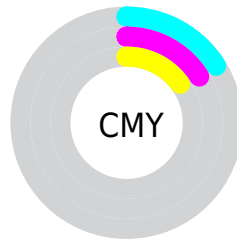
- Red (84%)
- Green (84%)
- Blue (85%)



- Red (84%)
- Yellow (84%)
- Blue (85%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 0.639, 256.139 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, 0.639, 256.139 by changing the saturation by 10% instead.

■ 86, 0.639, 256.139

■ 86, 0.639, 256.139

100, 0.639,
256.139

■ 76, 0.639, 256.139

■ 66, 0.639, 256.139

■ 56, 0.639, 256.139

■ 46, 0.639, 256.139

■ 36, 0.639, 256.139

■ 26, 0.639, 256.139

■ 16, 0.639, 256.139

■ 6, 0.639, 256.139

■ 0, 0.639, 256.139

86, 0.639, 256.139

86, 0.639, 256.139

82, 7.421, 256.711

90, 6.189, 74.140

77, 14.132,
258.259

95, 12.516, 76.565

73, 20.745,
260.122

97, 16.151, 99.050

99, 19.619,
108.693

69, 27.235,
262.347

65, 33.591,
264.995

61, 39.822,
268.118

57, 45.968,
271.742

53, 52.108,
275.838

■ 50, 58.344,
280.296

Harmonies

Complementary

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



86, 0.639, 256.139



86, 0.624, 74.484

Rectangle

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



86, 0.639, 256.139



86, 0.639, 306.139



86, 0.639, 76.139



86, 0.639, 126.139

Sweetspot

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



86, 0.638, 255.944

100, 0.012, 296.813



86, 0.900, 163.161



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, 0.638, 255.944



99, 0.788, 255.904



86, 1.042, 289.672



45, 0.388, 255.936



37, 52.998, 283.607



7, 17.150, 272.737

Inverse Universe

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



86, 0.905, 343.154



99, 1.118, 343.200



86, 1.019, 109.348



45, 0.551, 343.163



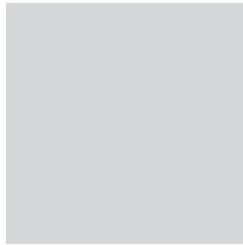
37, 62.825, 1.556



5, 23.547, 354.144

Previews

White Background



This preview shows how the CIELCh color 86, 0.639, 256.139 looks on a white background.

Color Contrast Check

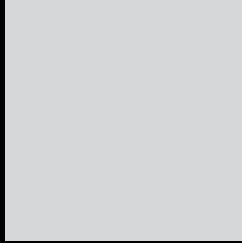
Large Text (above 18pt) WCAG AA × Fail

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, 0.639, 256.139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

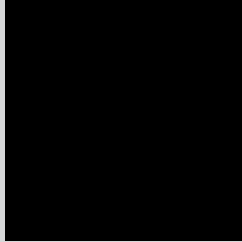
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

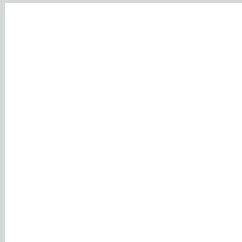
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 0.639, 256.139

Background



This preview shows how black text looks on a background with the CIELCh color 86, 0.639, 256.139.

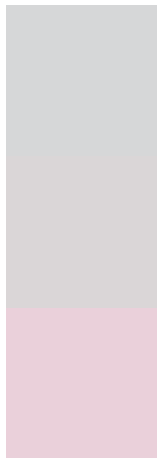


This preview shows how white text looks on a background with the CIELCh color 86, 0.639, 256.139.

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, 0.639, 256.139

Protanopia

86, 1.548, 359.345

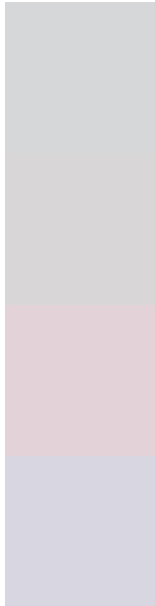
Deuteranopia

86, 10.843, 351.360



Tritanopia
86, 9.011, 297.629

Trichromacy



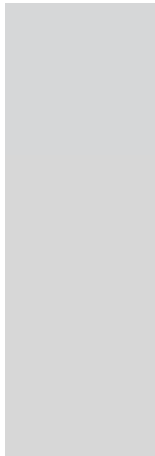
Original Color
86, 0.639, 256.139

Protanomaly
86, 1.214, 353.410

Deuteranomaly
86, 6.628, 351.547

Tritanomaly
86, 5.796, 294.170

Monochromacy



Original Color
86, 0.639, 256.139

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, 0.639, 256.139 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(214, 215, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 215, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 0.639, 256.139 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, 216) }
```

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

```
.border{ border-color:rgb(214, 215, 216) }
```

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, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 215, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 215, 216);  
box-shadow:4px 4px 4px 4px rgb(214, 215,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 0.639, 256.139 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, 216) }
```

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

```
.background{ background-color: rgb(214,  
215, 216) }
```

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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