

Converting Colors

CIE LCh(86, 1.326, 262.016)

Have a look what the booklet for
CIELCh(86, 1.326, 262.016) contains.

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Color

CIELCh(86, 1.112, 271.524)

Conversions

Conversions Part 1

Format	Color
Hex	D6D7D9
RGB	214, 215, 217
RGB Percent	84%, 84%, 85%
CMY	0.1603, 0.1564, 0.1486
CMYK	0.01, 0.01, 0.00, 0.15
HSL	220°, 4%, 85%
HSV	220°, 1%, 85%
XYZ	64.6327, 67.9871, 75.4390
YIQ	214.9290, -1.2380, 0.4100

Conversions

Conversions Part 2

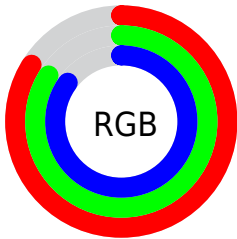
Format	Color
RYB	214, 215, 217
Decimal	14079961
CIELab	86.00, 0.03, -1.11
CIELCh	86, 1.112, 271.524
Yxy	67.9871, 0.3106, 0.3268
Android (android.graphics.Color)	4292270041 (0xFFD6D7D9)
YUV	214.9290, 1.0210, -0.8147
Hunter-Lab	82.4543, -4.3757, 3.4724

Details

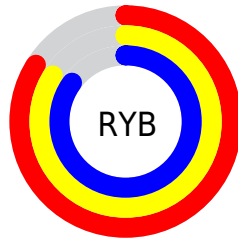
The CIELCh color `86, 1.112, 271.524` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `86, 1.093, 90.624`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `66, 1.172, 271.523` is the 20% darker color. If you saturate the color by 10%, you get `81, 9.152, 272.567`, and if you desaturate by 10%, it is `91, 6.804, 90.002`.

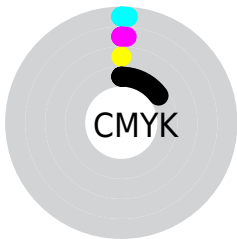
Distribution



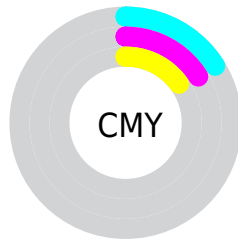
- Red (84%)
- Green (84%)
- Blue (85%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 1.112, 271.524 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, 1.112, 271.524 by changing the saturation by 10% instead.

■ 86, 1.112, 271.524

■ 86, 1.112, 271.524

100, 1.112,
271.524

■ 76, 1.112, 271.524

■ 66, 1.112, 271.524

■ 56, 1.112, 271.524

■ 46, 1.112, 271.524

■ 36, 1.112, 271.524

■ 26, 1.112, 271.524

■ 16, 1.112, 271.524

■ 6, 1.112, 271.524

■ 0, 1.112, 271.524

■ 86, 1.112, 271.524

■ 86, 1.112, 271.524

■ 81, 9.152, 272.567

■ 91, 6.804, 90.002

■ 75, 17.322,
274.120

■ 96, 14.292, 92.586

■ 70, 25.623,
275.947

■ 99, 19.153,
108.728

■ 65, 34.068,
278.088

■ 60, 42.677,
280.584

■ 54, 51.487,
283.458

■ 50, 60.535,
286.699

■ 45, 69.834,
290.231

■ 41, 79.306,
293.896

Harmonies

Complementary

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



86, 1.112, 271.524



86, 1.093, 90.624

Rectangle

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



86, 1.112, 271.524



86, 1.112, 321.524



86, 1.112, 91.524



86, 1.112, 141.524

Sweetspot

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



86, 1.111, 271.428

100, 0.012, 296.813



86, 1.211, 172.870



53, 0.007, 296.813



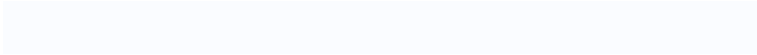
0, 0.000, 0.000

Same Dimension

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



86, 1.111, 271.428



99, 1.827, 271.435



86, 1.594, 296.165



46, 0.918, 271.430



30, 72.759, 296.361



5, 22.605, 285.339

Inverse Universe

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



86, 1.215, 353.330



99, 2.004, 353.516



87, 1.569, 115.952



46, 1.006, 353.485



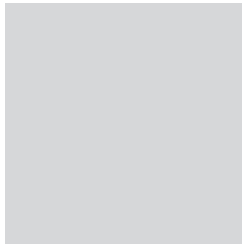
36, 64.621, 17.644



6, 24.002, 5.079

Previews

White Background



This preview shows how the CIELCh color 86, 1.112, 271.524 looks on a white background.

Color Contrast Check

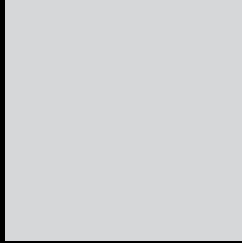
Large Text (above 18pt) WCAG AA × Fail

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, 1.112, 271.524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

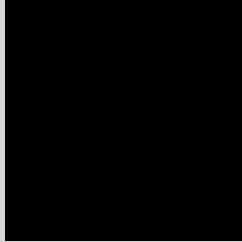
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

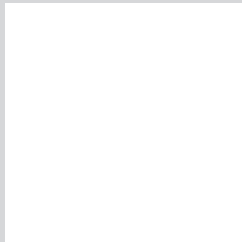
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 1.112, 271.524

Background



This preview shows how black text looks on a background with the CIELCh color 86, 1.112, 271.524.

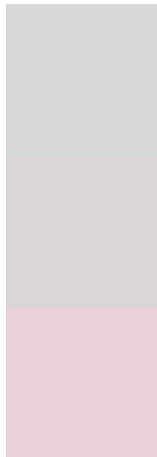


This preview shows how white text looks on a background with the CIELCh color 86, 1.112, 271.524.

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, 1.112, 271.524

Protanopia

86, 1.800, 343.560

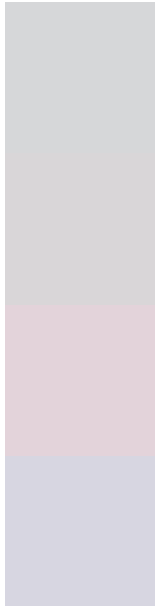
Deuteranopia

86, 10.843, 351.360



Tritanopia
86, 9.011, 297.629

Trichromacy



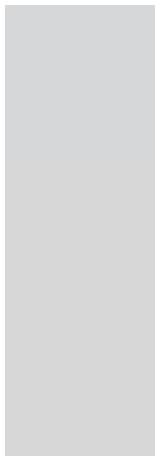
Original Color
86, 1.112, 271.524

Protanomaly
86, 1.523, 335.519

Deuteranomaly
86, 6.889, 347.712

Tritanomaly
86, 5.796, 294.170

Monochromacy



Original Color
86, 1.112, 271.524

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 0.534, 290.350

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 1.112, 271.524 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(214, 215, 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(214, 215, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 215, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 1.112, 271.524 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, 217) }
```

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

```
.border{ border-color:rgb(214, 215, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 215, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 215, 217);  
box-shadow:4px 4px 4px 4px rgb(214, 215,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 1.112, 271.524 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, 217) }
```

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

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