

Converting Colors

CIELCh(86, 2.216, 125.838)

Have a look what the booklet for
CIELCh(86, 2.216, 125.838) contains.

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Color

CIELCh(86, 2.215, 129.045)

Conversions

Conversions Part 1

Format	Color
Hex	D6D8D4
RGB	214, 216, 212
RGB Percent	84%, 85%, 83%
CMY	0.1617, 0.1539, 0.1696
CMYK	0.01, 0.00, 0.02, 0.15
HSL	90°, 5%, 84%
HSV	90°, 2%, 85%
XYZ	64.0064, 67.9871, 71.8752
YIQ	214.9460, 0.0920, -1.6680

Conversions

Conversions Part 2

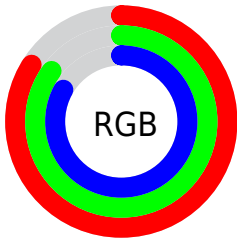
Format	Color
RYB	212, 216, 214
Decimal	14080212
CIELab	86.00, -1.40, 1.72
CIElCh	86, 2.215, 129.045
Yxy	67.9871, 0.3140, 0.3335
Android (android.graphics.Color)	4292270292 (0xFFD6D8D4)
YUV	214.9460, -1.4524, -0.8296
Hunter-Lab	82.4543, -5.7316, 6.0351

Details

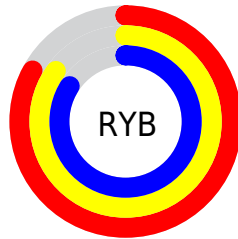
The CIELCh color `86, 2.215, 129.045` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `85, 2.242, 309.110`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `66, 2.342, 129.007` is the 20% darker color. If you saturate the color by 10%, you get `85, 14.251, 128.566`, and if you desaturate by 10%, it is `87, 9.749, 309.407`.

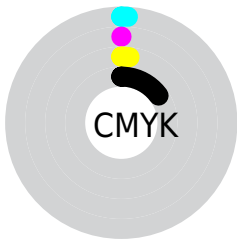
Distribution



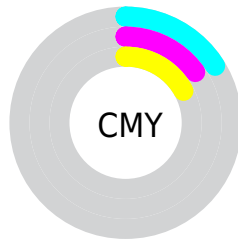
- Red (84%)
- Green (85%)
- Blue (83%)



- Red (83%)
- Yellow (85%)
- Blue (84%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 2.215, 129.045 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, 2.215, 129.045 by changing the saturation by 10% instead.

■ 86, 2.215, 129.045

■ 86, 2.215, 129.045

■ 100, 2.215,
129.045

■ 76, 2.215, 129.045

■ 66, 2.215, 129.045

■ 56, 2.215, 129.045

■ 46, 2.215, 129.045

■ 36, 2.215, 129.045

■ 26, 2.215, 129.045

■ 16, 2.215, 129.045

■ 6, 2.215, 129.045

■ 0, 2.215, 129.045

86, 2.215, 129.045

86, 2.215, 129.045

85, 14.251,
128.566

87, 9.749, 309.407

83, 26.279,
128.088

89, 21.597,
309.793

82, 38.199,
127.599

90, 23.053,
318.711

81, 49.862,
127.124


91, 24.580,
325.280

80, 61.054,
126.704

80, 71.466,
126.407

79, 80.672,
126.331

78, 88.156,
126.602

 78, 93.464,
127.337

Harmonies

Complementary

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



86, 2.215, 129.045



85, 2.242, 309.110

Rectangle

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



86, 2.215, 129.045



86, 2.215, 179.045



86, 2.215, 309.045



86, 2.215, 359.045

Sweetspot

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



86, 2.217, 129.062



100, 1.363, 129.146



86, 1.261, 74.888



53, 0.774, 129.154



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, 2.217, 129.062



100, 2.738, 129.051



86, 2.555, 144.446



45, 1.348, 129.060



63, 80.746, 127.965



15, 27.753, 128.988

Inverse Universe

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



85, 2.242, 309.110



99, 2.767, 309.122



85, 2.573, 324.438



45, 1.364, 309.112



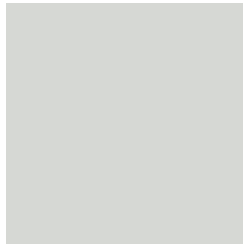
26, 92.367, 311.974



3, 28.977, 308.424

Previews

White Background



This preview shows how the CIE LCh color 86, 2.215, 129.045 looks on a white background.

Color Contrast Check

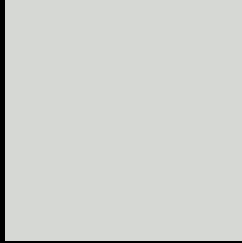
Large Text (above 18pt) WCAG AA × Fail

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, 2.215, 129.045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

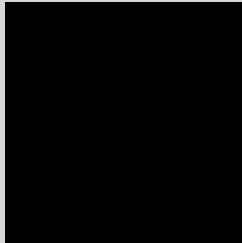
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

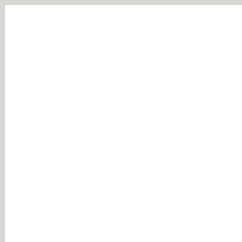
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 2.215, 129.045

Background



This preview shows how black text looks on a background with the CIELCh color 86, 2.215, 129.045.

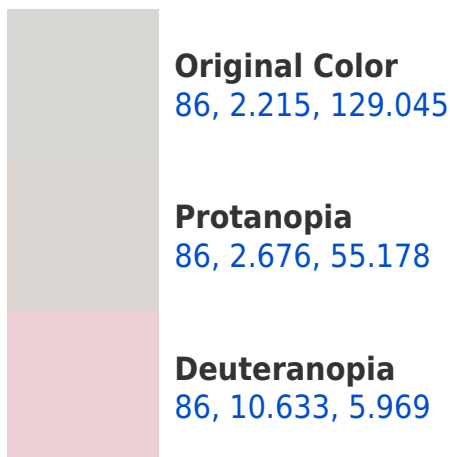


This preview shows how white text looks on a background with the CIELCh color 86, 2.215, 129.045.

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](#).

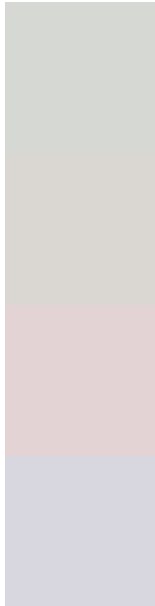
Dichromacy





Tritanopia
86, 9.063, 299.834

Trichromacy



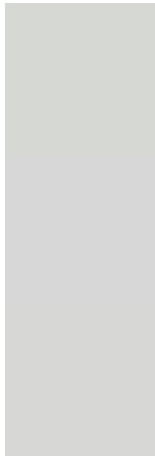
Original Color
86, 2.215, 129.045

Protanomaly
86, 2.343, 82.194

Deuteranomaly
86, 6.313, 10.262

Tritanomaly
86, 4.793, 299.109

Monochromacy



Original Color
86, 2.215, 129.045

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 0.514, 110.002

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 2.215, 129.045 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, 216, 212)` looks like.

```
.text, #text, p{  
    color:rgb(214, 216, 212)  
}
```

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, 216, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 216, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 2.215, 129.045 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, 216, 212) }
```

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

```
.border{ border-color:rgb(214, 216, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 216, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 216, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 216, 212);  
box-shadow:4px 4px 4px 4px rgb(214, 216,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 2.215, 129.045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 216, 212) }
```

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

```
.background{ background-color: rgb(214,  
216, 212) }
```

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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