

Converting Colors

CIELCh(86, 3.149, 103.242)

Have a look what the booklet for
CIELCh(86, 3.149, 103.242) contains.

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Color

CIELCh(86, 3.149, 103.242)

Conversions

Conversions Part 1

Format	Color
Hex	D8D7D1
RGB	216, 215, 209
RGB Percent	85%, 84%, 82%
CMY	0.1519, 0.1558, 0.1794
CMYK	0.00, 0.00, 0.03, 0.15
HSL	51°, 8%, 83%
HSV	51°, 3%, 85%
XYZ	64.3022, 67.9871, 70.2226
YIQ	214.6150, 2.5220, -1.6540

Conversions

Conversions Part 2

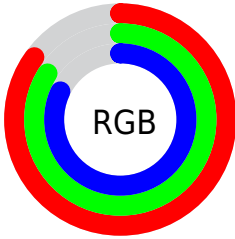
Format	Color
RYP	210, 216, 209
Decimal	14211025
CIE Lab	86.00, -0.72, 3.07
CIE LCh	86, 3.149, 103.242
Yxy	67.9871, 0.3175, 0.3357
Android (android.graphics.Color)	4292401105 (0xFFD8D7D1)
YUV	214.6150, -2.7682, 1.2146
Hunter-Lab	82.4543, -5.0914, 7.2234

Details

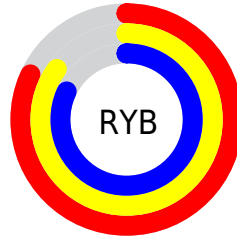
The CIELCh color $86, 3.149, 103.242$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84, 3.184, 284.054$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $66, 2.781, 101.894$ is the 20% darker color. If you saturate the color by 10%, you get $85, 12.941, 102.214$, and if you desaturate by 10%, it is $87, 6.594, 284.391$.

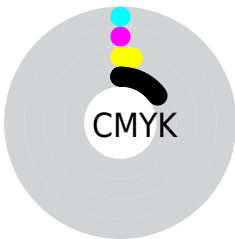
Distribution



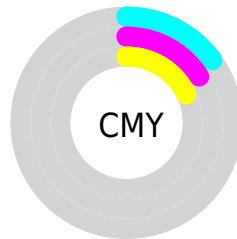
- Red (85%)
- Green (84%)
- Blue (82%)



- Red (82%)
- Yellow (85%)
- Blue (82%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 3.149, 103.242 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, 3.149, 103.242 by changing the saturation by 10% instead.

■ 86, 3.149, 103.242

■ 86, 3.149, 103.242

■ 100, 3.149,
103.242

■ 76, 3.149, 103.242

■ 66, 3.149, 103.242

■ 56, 3.149, 103.242

■ 46, 3.149, 103.242

■ 36, 3.149, 103.242

■ 26, 3.149, 103.242

■ 16, 3.149, 103.242

■ 6, 3.149, 103.242

■ 0, 3.149, 103.242

86, 3.149, 103.242

86, 3.149, 103.242

85, 12.941,
102.214

87, 6.594, 284.391

83, 22.739,
101.101

89, 16.274,
285.395

82, 32.483, 99.967

90, 16.050,
281.588

81, 42.063, 98.825

90, 14.650,
276.354

80, 51.297, 97.686

91, 13.397,
270.110

79, 59.884, 96.564

92, 12.331,
262.720

78, 67.366, 95.467

77, 73.118, 94.393

93, 11.503,
254.142

76, 76.524, 93.321

93, 10.964,
244.522

■ 94, 10.755,
234.263

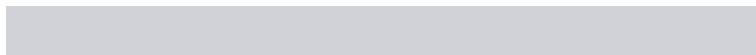
Harmonies

Complementary

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



86, 3.149, 103.242



84, 3.184, 284.054

Rectangle

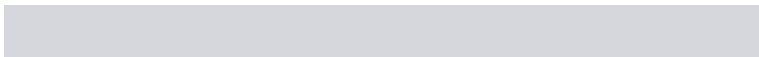
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 3.149, 103.242



86, 3.149, 153.242



86, 3.149, 283.242



86, 3.149, 333.242

Sweetspot

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



86, 3.151, 103.272



100, 1.104, 103.415



85, 2.615, 7.203



53, 0.627, 103.413



0, 0.000, 0.000



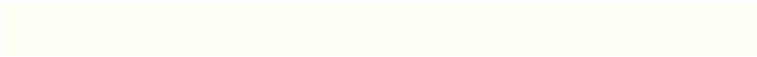
53, 0.007, 296.813

Same Dimension

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



86, 3.151, 103.272



99, 4.454, 103.194



86, 3.771, 123.517



45, 2.744, 103.127



61, 65.230, 92.770



15, 21.615, 95.774

Inverse Universe

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



84, 3.184, 284.054



97, 4.501, 284.136



84, 3.811, 303.818



43, 2.774, 284.207



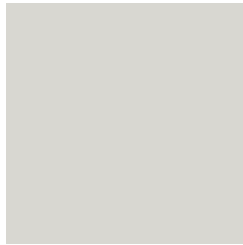
22, 91.235, 303.951



3, 24.871, 290.633

Previews

White Background



This preview shows how the CIELCh color 86, 3.149, 103.242 looks on a white background.

Color Contrast Check

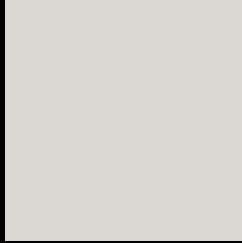
Large Text (above 18pt) WCAG AA × Fail

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, 3.149, 103.242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

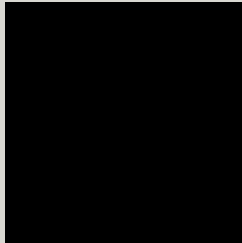
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

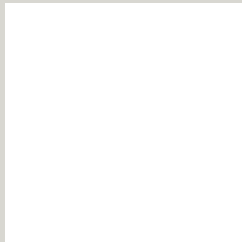
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 3.149, 103.242

Background



This preview shows how black text looks on a background with the CIELCh color 86, 3.149, 103.242.



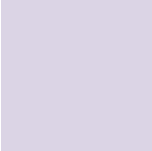
This preview shows how white text looks on a background with the CIELCh color 86, 3.149, 103.242.

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, 9.304, 306.284

Trichromacy



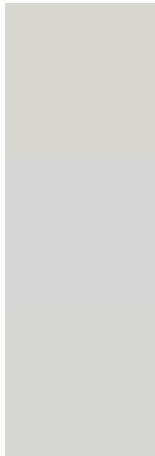
Original Color
86, 3.149, 103.242

Protanomaly
86, 3.172, 74.743

Deuteranomaly
86, 6.642, 24.309

Tritanomaly
86, 5.080, 311.127

Monochromacy



Original Color
86, 3.149, 103.242

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 1.038, 110.024

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 3.149, 103.242 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, 215, 209)` looks like.

```
.text, #text, p{  
    color:rgb(216, 215, 209)  
}
```

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, 215, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 215, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 3.149, 103.242 is called "border". The border property can be set on classes, ids or directly on the HTML element.

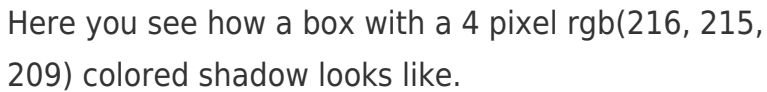
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 215, 209) }
```

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

```
.border{ border-color:rgb(216, 215, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 215, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 215, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 215, 209);  
box-shadow:4px 4px 4px 4px rgb(216, 215,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 3.149, 103.242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 215, 209) }
```

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

```
.background{ background-color: rgb(216,  
215, 209) }
```

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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