

Converting Colors

CIELCh(86, 1.215, 353.412)

Have a look what the booklet for
CIELCh(86, 1.215, 353.412) contains.

CIELCh(86, 1.214, 353.410)	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, 1.214, 353.410)

Conversions

Conversions Part 1

Format	Color
Hex	D9D6D7
RGB	217, 214, 215
RGB Percent	85%, 84%, 84%
CMY	0.1477, 0.1595, 0.1556
CMYK	0.00, 0.01, 0.01, 0.15
HSL	340°, 4%, 85%
HSV	340°, 1%, 85%
XYZ	65.1529, 67.9871, 74.2025
YIQ	215.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

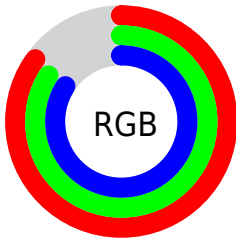
Format	Color
R _Y B	217, 214, 215
Decimal	14276311
CIE Lab	86.00, 1.21, -0.14
CIE LCh	86, 1.214, 353.410
Yxy	67.9871, 0.3142, 0.3279
Android (android.graphics.Color)	4292466391 (0xFFD9D6D7)
YUV	215.0110, -0.0054, 1.7444
Hunter-Lab	82.4543, -3.2496, 4.3616

Details

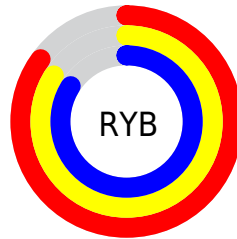
The CIELCh color **86, 1.214, 353.410** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87, 1.197, 174.037**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 1.282, 353.546** is the 20% darker color. If you saturate the color by 10%, you get **80, 10.163, 354.785**, and if you desaturate by 10%, it is **92, 7.377, 173.089**.

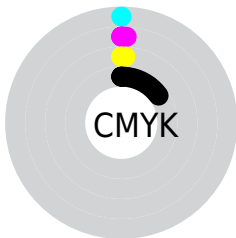
Distribution



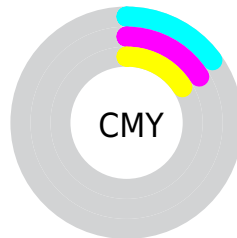
- Red (85%)
- Green (84%)
- Blue (84%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 1.214, 353.410 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, 1.214, 353.410 by changing the saturation by 10% instead.

■ 86, 1.214, 353.410

■ 86, 1.214, 353.410

100, 1.214,
353.410

■ 76, 1.214, 353.410

■ 66, 1.214, 353.410

■ 56, 1.214, 353.410

■ 46, 1.214, 353.410

■ 36, 1.214, 353.410

■ 26, 1.214, 353.410

■ 16, 1.214, 353.410

■ 6, 1.214, 353.410

■ 0, 1.214, 353.410

86, 1.214, 353.410

86, 1.214, 353.410

80, 10.163,
354.785

92, 7.377, 173.089

74, 19.426,
355.911

97, 14.106,
175.804

69, 28.895,
357.206

97, 12.664,
198.660

64, 38.381,
358.741

59, 47.594, 0.605

55, 56.142, 2.921

51, 63.577, 5.846

49, 69.529, 9.557

47, 73.901, 14.194

Harmonies

Complementary

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



86, 1.214, 353.410



87, 1.197, 174.037

Rectangle

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



86, 1.214, 353.410



86, 1.214, 43.410



86, 1.214, 173.410



86, 1.214, 223.410

Sweetspot

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



86, 1.212, 353.463

100, 0.012, 296.813



86, 1.745, 314.622



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, 1.212, 353.463



99, 2.001, 353.651



86, 0.935, 35.053



46, 1.005, 353.619



36, 64.671, 17.834



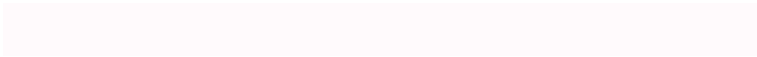
6, 23.995, 5.192

Inverse Universe

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



86, 1.212, 353.463



99, 2.001, 353.651



86, 0.930, 216.323



46, 1.005, 353.619



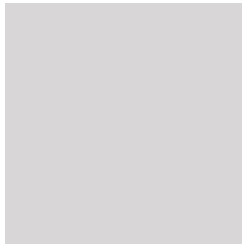
36, 64.671, 17.834



6, 23.995, 5.192

Previews

White Background



This preview shows how the CIELCh color 86, 1.214, 353.410 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, 1.214, 353.410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

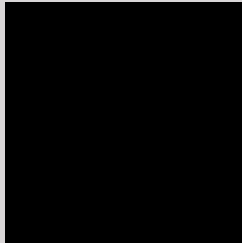
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

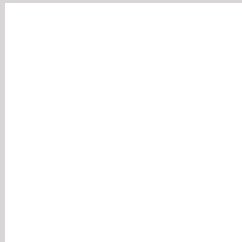
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 1.214, 353.410

Background



This preview shows how black text looks on a background with the CIELCh color 86, 1.214, 353.410.

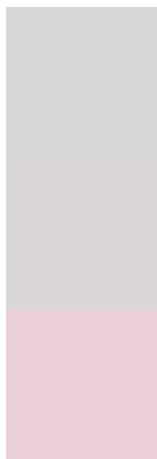


This preview shows how white text looks on a background with the CIELCh color 86, 1.214, 353.410.

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

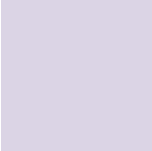
86, 1.214, 353.410

Protanopia

86, 1.892, 3.167

Deuteranopia

86, 10.942, 354.748



Tritanopia
86, 9.304, 306.284

Trichromacy



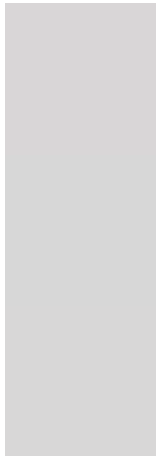
Original Color
86, 1.214, 353.410

Protanomaly
86, 1.548, 359.345

Deuteranomaly
86, 7.620, 355.591

Tritanomaly
86, 6.072, 307.672

Monochromacy



Original Color
86, 1.214, 353.410

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 0.362, 17.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 1.214, 353.410 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(217, 214, 215)` looks like.

```
.text, #text, p{  
    color:rgb(217, 214, 215)  
}
```

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(217, 214, 215) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 86, 1.214, 353.410 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(217, 214, 215) }
```

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

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

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

Here you see how a box with a 4 pixel `rgb(217, 214, 215)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 86, 1.214, 353.410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 214, 215) }
```

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor