

Converting Colors

CIELCh(86, 3.859, 4.696)

Have a look what the booklet for
CIELCh(86, 3.859, 4.696) contains.

CIELCh(86, 3.790, 3.512)	3
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Color

CIELCh(86, 3.790, 3.512)

Conversions

Conversions Part 1

Format	Color
Hex	DFD5D7
RGB	223, 213, 215
RGB Percent	87%, 84%, 84%
CMY	0.1266, 0.1658, 0.1579
CMYK	0.00, 0.04, 0.04, 0.13
HSL	348°, 13%, 85%
HSV	348°, 4%, 87%
XYZ	66.3021, 67.9871, 73.7336
YIQ	216.2180, 5.3180, 2.7420

Conversions

Conversions Part 2

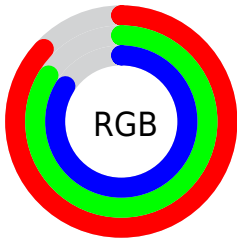
Format	Color
R _Y B	223, 213, 215
Decimal	14669271
CIE Lab	86.00, 3.78, 0.23
CIE LCh	86, 3.790, 3.512
Yxy	67.9871, 0.3187, 0.3268
Android (android.graphics.Color)	4292859351 (0xFFDFD5D7)
YUV	216.2180, -0.6005, 5.9478
Hunter-Lab	82.4543, -0.7619, 4.6987

Details

The CIELCh color **86, 3.790, 3.512** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **88, 3.716, 183.025**, 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, 4.010, 3.674** is the 20% darker color. If you saturate the color by 10%, you get **80, 12.554, 4.647**, and if you desaturate by 10%, it is **92, 4.518, 182.937**.

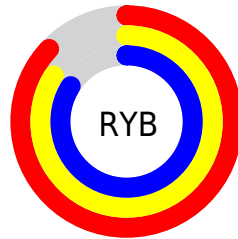
Distribution



Red (87%)

Green (84%)

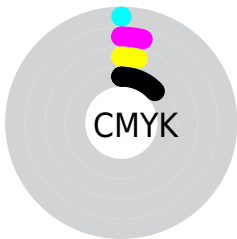
Blue (84%)



Red (87%)

Yellow (84%)

Blue (84%)

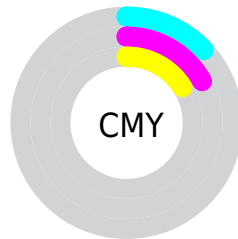


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (13%)



Cyan (13%)

Magenta (17%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 3.790, 3.512 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, 3.790, 3.512 by changing the saturation by 10% instead.

■ 86, 3.790, 3.512

■ 86, 3.790, 3.512

■ 100, 3.790, 3.512

■ 76, 3.790, 3.512

■ 66, 3.790, 3.512

■ 56, 3.790, 3.512

■ 46, 3.790, 3.512

■ 36, 3.790, 3.512

■ 26, 3.790, 3.512

■ 16, 3.790, 3.512

■ 6, 3.790, 3.512

■ 0, 3.790, 3.512

86, 3.790, 3.512

86, 3.790, 3.512

80, 12.554, 4.647

92, 4.518, 182.937

74, 21.749, 5.862

98, 11.305,
186.656

69, 31.283, 7.316

98, 10.917,
198.777

63, 40.984, 9.100

59, 50.583, 11.331

54, 59.722, 14.156

51, 68.023, 17.729

49, 75.232, 22.148

47, 81.340, 27.315

Harmonies

Complementary

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



86, 3.790, 3.512



88, 3.716, 183.025

Rectangle

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



86, 3.790, 3.512



86, 3.790, 53.512



86, 3.790, 183.512



86, 3.790, 233.512

Sweetspot

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



86, 3.788, 3.535



99, 0.937, 2.711



86, 6.009, 318.971



53, 0.533, 2.673



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

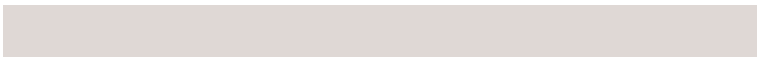
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 3.788, 3.535



97, 4.718, 3.602



87, 2.975, 51.078



45, 2.903, 3.677



37, 70.238, 29.263



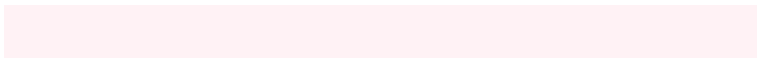
6, 25.280, 12.485

Inverse Universe

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



86, 3.788, 3.535



97, 4.718, 3.602



87, 2.913, 232.061



45, 2.903, 3.677



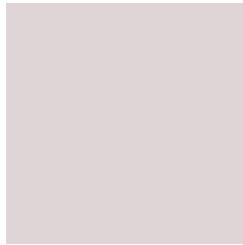
37, 70.238, 29.263



6, 25.280, 12.485

Previews

White Background



This preview shows how the CIELCh color 86, 3.790, 3.512 looks on a white background.

Color Contrast Check

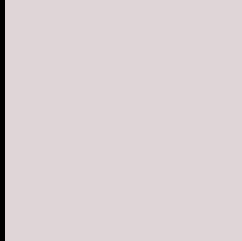
Large Text (above 18pt) WCAG AA × Fail

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, 3.790, 3.512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

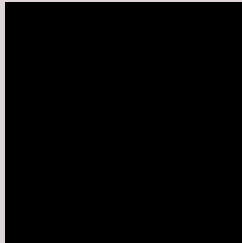
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

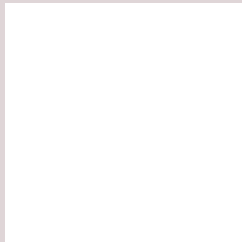
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 3.790, 3.512

Background



This preview shows how black text looks on a background with the CIELCh color 86, 3.790, 3.512.

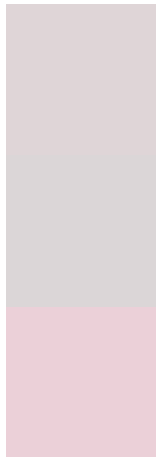


This preview shows how white text looks on a background with the CIELCh color 86, 3.790, 3.512.

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

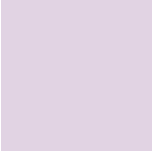
86, 3.790, 3.512

Protanopia

86, 1.892, 3.167

Deuteranopia

86, 10.740, 357.283



Tritanopia
86, 9.818, 321.313

Trichromacy



Original Color

86, 3.790, 3.512

Protanomaly

86, 2.243, 5.816

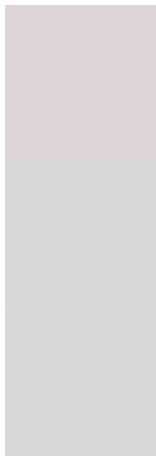
Deuteranomaly

86, 8.296, 357.763

Tritanomaly

86, 7.238, 327.037

Monochromacy



Original Color

86, 3.790, 3.512

Achromatopsia

86, 0.010, 296.813

Achromatomaly

86, 1.213, 353.408

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 3.790, 3.512 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(223, 213, 215)` looks like.

```
.text, #text, p{  
    color:rgb(223, 213, 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(223, 213, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 213, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 3.790, 3.512 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(223, 213, 215) }
```

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

```
.border{ border-color:rgb(223, 213, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 213, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 213, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 213, 215);  
box-shadow:4px 4px 4px 4px rgb(223, 213,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 3.790, 3.512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 213, 215) }
```

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

```
.background{ background-color: rgb(223,  
213, 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](#).

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