

Converting Colors

CIELCh(86, 12.694, 101.576)

Have a look what the booklet for
CIELCh(86, 12.694, 101.576)
contains.

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Color

CIELCh(86, 12.608, 102.239)

Conversions

Conversions Part 1

Format	Color
Hex	DCD8C0
RGB	220, 216, 192
RGB Percent	86%, 85%, 75%
CMY	0.1381, 0.1537, 0.2478
CMYK	0.00, 0.02, 0.13, 0.14
HSL	51°, 28%, 81%
HSV	51°, 13%, 86%
XYZ	63.4483, 67.9871, 59.5315
YIQ	214.4600, 10.0880, -6.6160

Conversions

Conversions Part 2

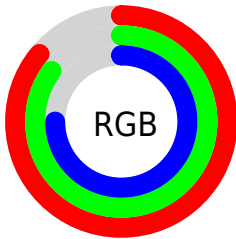
Format	Color
RYB	197, 220, 192
Decimal	14473408
CIELab	86.00, -2.67, 12.32
CIELCh	86, 12.608, 102.239
Yxy	67.9871, 0.3322, 0.3560
Android (android.graphics.Color)	4292663488 (0xFFD8CD8C0)
YUV	214.4600, -11.0728, 4.8586
Hunter-Lab	82.4543, -6.9398, 14.9110

Details

The CIELCh color **86, 12.608, 102.239** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 12.859, 285.149**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.539, 109.892**, and **66, 12.220, 101.332** is the 20% darker color. If you saturate the color by 10%, you get **85, 22.535, 101.135**, and if you desaturate by 10%, it is **87, 2.695, 103.298**.

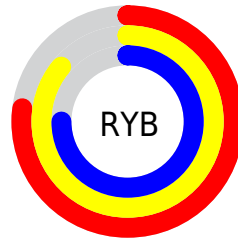
Distribution



Red (86%)

Green (85%)

Blue (75%)



Red (77%)

Yellow (86%)

Blue (75%)

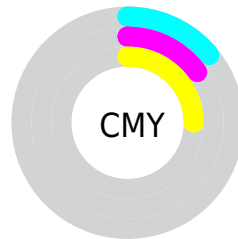


Cyan (0%)

Magenta (2%)

Yellow (13%)

Black (14%)



Cyan (14%)


Magenta (15%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 12.608, 102.239 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, 12.608, 102.239 by changing the saturation by 10% instead.


 86, 12.608,
102.239


 86, 12.608,
102.239


 100, 12.608,
102.239


 76, 12.608,
102.239

 66, 12.608,
102.239

 56, 12.608,
102.239

 46, 12.608,
102.239

 36, 12.608,
102.239

 26, 12.608,
102.239

 16, 12.608,

102.239

■ 6, 12.608, 102.239

■ 0, 12.608, 102.239

■ 86, 12.608,
102.239

■ 86, 12.608,
102.239

■ 85, 22.535,
101.135

■ 87, 2.695, 103.298

■ 84, 32.410,
100.000

■ 89, 7.172, 284.423

■ 82, 42.125, 98.856

■ 90, 15.560,
284.722

■ 81, 51.501, 97.715

■ 91, 14.064,
279.504

■ 80, 60.239, 96.590

■ 92, 12.710,
273.145

79, 67.880, 95.489

92, 11.546,
265.429

78, 73.797, 94.412

93, 10.632,
256.233

77, 77.356, 93.337

77, 78.587, 92.544

94, 10.033,
245.678

95, 9.804, 234.262

Harmonies

Complementary

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



86, 12.608, 102.239



79, 12.859, 285.149

Rectangle

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



86, 12.608, 102.239



86, 12.608, 152.239



86, 12.608, 282.239



86, 12.608, 332.239

Sweetspot

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



86, 12.610, 102.248



99, 4.452, 103.175



80, 10.716, 8.265



53, 3.166, 103.098



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, 12.610, 102.248



98, 16.761, 101.985



86, 15.064, 122.996



46, 5.605, 102.608



62, 65.929, 92.728



16, 23.013, 95.437

Inverse Universe

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



79, 12.859, 285.149



89, 17.151, 285.463



79, 15.415, 304.374



43, 5.691, 284.735



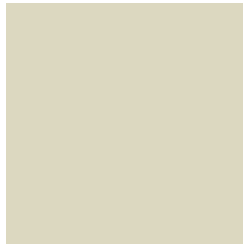
23, 92.287, 303.966



3, 26.691, 291.651

Previews

White Background



This preview shows how the CIELCh color 86, 12.608, 102.239 looks on a white background.

Color Contrast Check

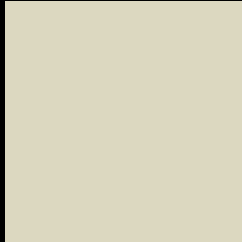
Large Text (above 18pt) WCAG AA × Fail

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, 12.608, 102.239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

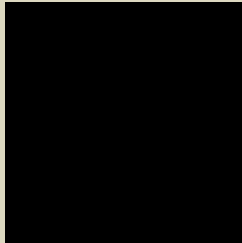
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

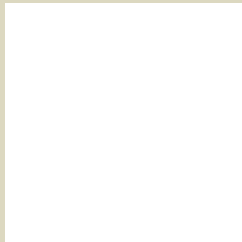
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 12.608, 102.239

Background



This preview shows how black text looks on a background with the CIELCh color 86, 12.608, 102.239.



This preview shows how white text looks on a background with the CIELCh color 86, 12.608, 102.239.

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](#).

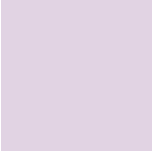
Dichromacy



Original Color
86, 12.608, 102.239

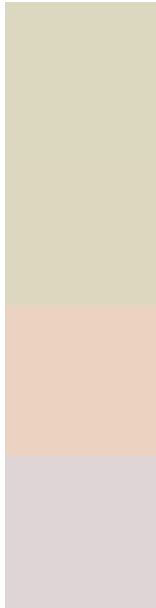
Protanopia
86, 12.592, 91.634

Deuteranopia
86, 16.010, 47.323



Tritanopia
86, 9.818, 321.313

Trichromacy



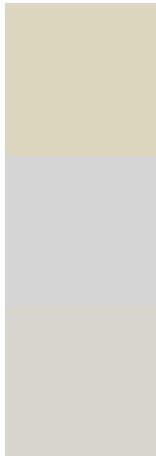
Original Color
86, 12.608, 102.239

Protanomaly
86, 12.799, 97.165

Deuteranomaly
86, 13.054, 62.590

Tritanomaly
86, 3.680, 11.353

Monochromacy



Original Color
86, 12.608, 102.239

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 4.713, 105.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 12.608, 102.239 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(220, 216, 192)` looks like.

```
.text, #text, p{  
    color:rgb(220, 216, 192)  
}
```

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(220, 216, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 216, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 12.608, 102.239 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(220, 216, 192) }
```

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

```
.border{ border-color:rgb(220, 216, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 216, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 216, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 216, 192);  
box-shadow:4px 4px 4px 4px rgb(220, 216,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 12.608, 102.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 216, 192) }
```

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

```
.background{ background-color: rgb(220,  
216, 192) }
```

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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