

Converting Colors

CIELCh(89, 8.446, 160.877)

Have a look what the booklet for
CIELCh(89, 8.446, 160.877) contains.

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Color

CIELCh(89, 8.317, 160.198)

Conversions

Conversions Part 1

Format	Color
Hex	D2E4DA
RGB	210, 228, 218
RGB Percent	82%, 89%, 85%
CMY	0.1769, 0.1063, 0.1455
CMYK	0.08, 0.00, 0.04, 0.11
HSL	147°, 25%, 86%
HSV	147°, 8%, 89%
XYZ	66.8973, 74.1641, 77.0401
YIQ	221.4780, -7.5180, -6.9260

Conversions

Conversions Part 2

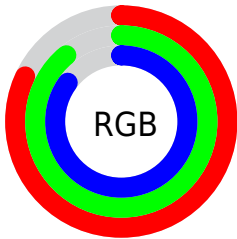
Format	Color
RYB	210, 222, 228
Decimal	13821146
CIELab	89.00, -7.83, 2.82
CIElCh	89, 8.317, 160.198
Yxy	74.1641, 0.3067, 0.3400
Android (android.graphics.Color)	4292011226 (0xFFD2E4DA)
YUV	221.4780, -1.7147, -10.0662
Hunter-Lab	86.1186, -12.0480, 7.2433

Details

The CIELCh color **89, 8.317, 160.198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 8.393, 341.344**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 8.763, 159.992** is the 20% darker color. If you saturate the color by 10%, you get **87, 18.873, 159.289**, and if you desaturate by 10%, it is **91, 2.212, 340.735**.

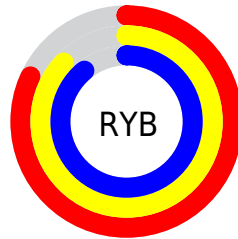
Distribution



Red (82%)

Green (89%)

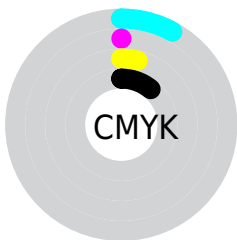
Blue (85%)



Red (82%)

Yellow (87%)

Blue (89%)

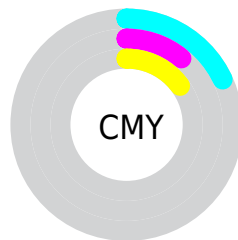


Cyan (8%)

Magenta (0%)

Yellow (4%)

Black (11%)



Cyan (18%)

Magenta (11%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 8.317, 160.198 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 89, 8.317, 160.198 by changing the saturation by 10% instead.

■ 89, 8.317, 160.198

■ 89, 8.317, 160.198

■ 100, 8.317,
160.198

■ 79, 8.317, 160.198

■ 69, 8.317, 160.198

■ 59, 8.317, 160.198

■ 49, 8.317, 160.198

■ 39, 8.317, 160.198

■ 29, 8.317, 160.198

■ 19, 8.317, 160.198

■ 9, 8.317, 160.198

■ 0, 8.317, 160.198

89, 8.317, 160.198

89, 8.317, 160.198

87, 18.873,
159.289

91, 2.212, 340.735

86, 29.322,
158.294

93, 12.492,
341.109

84, 39.507,
157.173

93, 16.946,
325.012


83, 49.252,
155.898

82, 58.372,
154.445

81, 66.696,
152.793

81, 74.092,
150.929

80, 80.498,
148.861

 80, 85.962,
146.641

Harmonies

Complementary

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



89, 8.317, 160.198



86, 8.393, 341.344

Rectangle

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



89, 8.317, 160.198



89, 8.317, 210.198



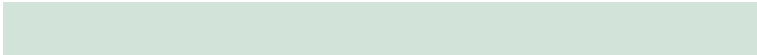
89, 8.317, 340.198



89, 8.317, 30.198

Sweetspot

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



89, 8.319, 160.194



100, 2.296, 160.817



90, 9.774, 126.345



53, 1.305, 160.835



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 8.319, 160.194



98, 10.386, 160.091



89, 6.355, 193.409



47, 6.018, 160.055



64, 71.902, 146.579



18, 27.670, 150.763

Inverse Universe

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



86, 8.393, 341.344



94, 10.488, 341.445



86, 6.640, 14.398



45, 6.079, 341.480



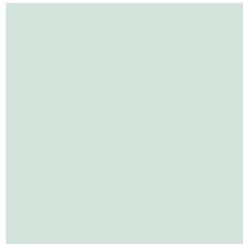
39, 65.758, 356.723



7, 28.242, 350.845

Previews

White Background



This preview shows how the CIELCh color 89, 8.317, 160.198 looks on a white background.

Color Contrast Check

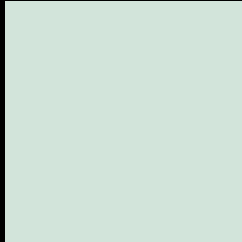
Large Text (above 18pt) WCAG AA × Fail

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 89, 8.317, 160.198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

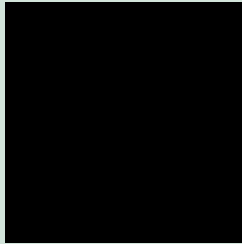
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

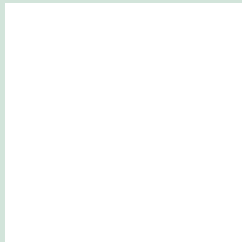
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 8.317, 160.198

Background



This preview shows how black text looks on a background with the CIELCh color 89, 8.317, 160.198.

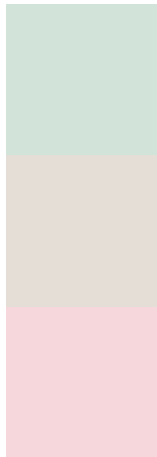


This preview shows how white text looks on a background with the CIELCh color 89, 8.317, 160.198.

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
89, 8.317, 160.198

Protanopia
89, 4.422, 74.584

Deuteranopia
89, 11.185, 9.518



Tritanopia
89, 9.914, 270.769

Trichromacy



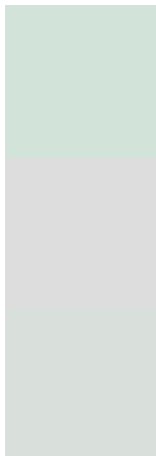
Original Color
89, 8.317, 160.198

Protanomaly
89, 4.219, 119.698

Deuteranomaly
89, 4.750, 25.886

Tritanomaly
89, 5.839, 244.931

Monochromacy



Original Color
89, 8.317, 160.198

Achromatopsia
88, 0.010, 296.813

Achromatomaly
89, 3.273, 159.881

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 8.317, 160.198 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(210, 228, 218)` looks like.

```
.text, #text, p{  
    color:rgb(210, 228, 218)  
}
```

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(210, 228, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 228, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 8.317, 160.198 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(210, 228, 218) }
```

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

```
.border{ border-color:rgb(210, 228, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 228, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 228, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 228, 218);  
box-shadow:4px 4px 4px 4px rgb(210, 228,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 8.317, 160.198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 228, 218) }
```

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

```
.background{ background-color: rgb(210,  
228, 218) }
```

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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