

Converting Colors

CIELCh(89, 6.411, 155.148)

Have a look what the booklet for
CIELCh(89, 6.411, 155.148) contains.

CIELCh(89, 6.639, 154.258)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(89, 6.639, 154.258)

Conversions

Conversions Part 1

Format	Color
Hex	D6E3DA
RGB	214, 227, 218
RGB Percent	84%, 89%, 85%
CMY	0.1615, 0.1105, 0.1458
CMYK	0.06, 0.00, 0.04, 0.11
HSL	138°, 19%, 86%
HSV	138°, 6%, 89%
XYZ	67.7333, 74.1641, 76.9547
YIQ	222.0870, -4.8590, -5.5550

Conversions

Conversions Part 2

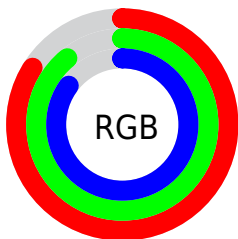
Format	Color
RYB	214, 224, 227
Decimal	14083034
CIELab	89.00, -5.98, 2.88
CIELCh	89, 6.639, 154.258
Yxy	74.1641, 0.3095, 0.3389
Android (android.graphics.Color)	4292273114 (0xFFD6E3DA)
YUV	222.0870, -2.0149, -7.0923
Hunter-Lab	86.1186, -10.3152, 7.3021

Details

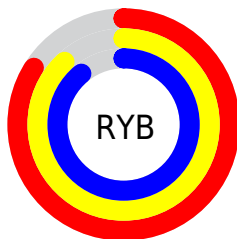
The CIELCh color **89, 6.639, 154.258** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87, 6.673, 334.932**, and the grayscale version is **88, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 7.001, 154.122** is the 20% darker color. If you saturate the color by 10%, you get **87, 18.317, 153.450**, and if you desaturate by 10%, it is **91, 4.924, 334.797**.

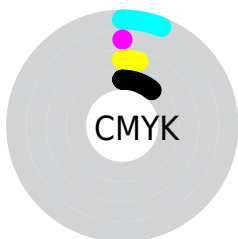
Distribution



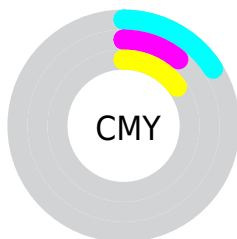
- Red (84%)
- Green (89%)
- Blue (85%)



- Red (84%)
- Yellow (88%)
- Blue (89%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 6.639, 154.258 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, 6.639, 154.258 by changing the saturation by 10% instead.

■ 89, 6.639, 154.258

■ 89, 6.639, 154.258

■ 100, 6.639,
154.258

■ 79, 6.639, 154.258

■ 69, 6.639, 154.258

■ 59, 6.639, 154.258

■ 49, 6.639, 154.258

■ 39, 6.639, 154.258

■ 29, 6.639, 154.258

■ 19, 6.639, 154.258

■ 9, 6.639, 154.258

■ 0, 6.639, 154.258

89, 6.639, 154.258

89, 6.639, 154.258

87, 18.317,
153.450

91, 4.924, 334.797

85, 29.972,
152.560

93, 15.283,
331.363

84, 41.440,
151.542

93, 17.613,
325.035

83, 52.521,
150.370

82, 62.997,
149.024

81, 72.642,
147.490

80, 81.258,
145.769

80, 88.692,
143.886

■ 79, 94.863,
141.905

Harmonies

Complementary

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



89, 6.639, 154.258



87, 6.673, 334.932

Rectangle

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



89, 6.639, 154.258



89, 6.639, 204.258



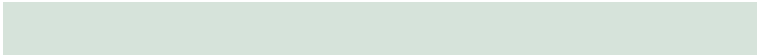
89, 6.639, 334.258



89, 6.639, 24.258

Sweetspot

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



89, 6.641, 154.255



100, 2.536, 154.621



90, 6.895, 121.485



53, 1.442, 154.636



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, 6.641, 154.255



98, 8.927, 154.149



89, 4.814, 182.858



46, 5.224, 154.109



63, 79.711, 141.456



16, 29.794, 145.775

Inverse Universe

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



87, 6.673, 334.932



95, 8.970, 335.033



87, 4.928, 3.662



45, 5.250, 335.072



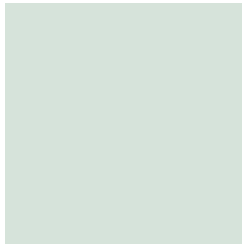
39, 69.594, 345.370



7, 29.240, 341.849

Previews

White Background



This preview shows how the CIELCh color 89, 6.639, 154.258 looks on a white background.

Color Contrast Check

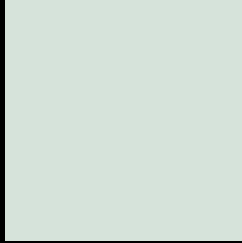
Large Text (above 18pt) WCAG AA × Fail

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, 6.639, 154.258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

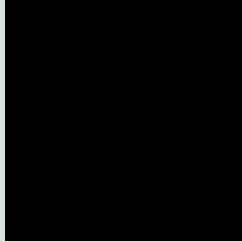
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

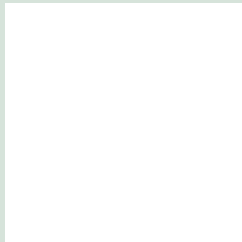
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 6.639, 154.258

Background



This preview shows how black text looks on a background with the CIELCh color 89, 6.639, 154.258.

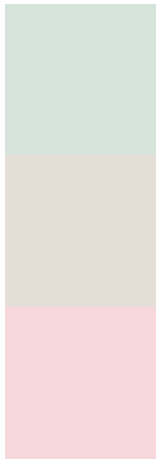


This preview shows how white text looks on a background with the CIELCh color 89, 6.639, 154.258.

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](#).

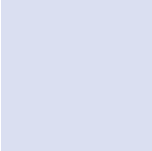
Dichromacy



Original Color
89, 6.639, 154.258

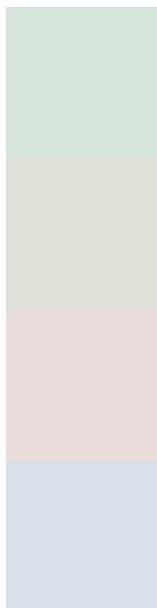
Protanopia
89, 4.422, 74.584

Deuteranopia
89, 11.185, 9.518



Tritanopia
89, 9.507, 280.524

Trichromacy



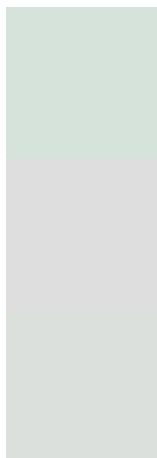
Original Color
89, 6.639, 154.258

Protanomaly
89, 4.168, 114.806

Deuteranomaly
89, 5.115, 25.469

Tritanomaly
89, 5.415, 259.560

Monochromacy



Original Color
89, 6.639, 154.258

Achromatopsia
88, 0.011, 296.813

Achromatomaly
89, 2.757, 150.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 6.639, 154.258 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(214, 227, 218)` looks like.

```
.text, #text, p{  
    color:rgb(214, 227, 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(214, 227, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 227, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 6.639, 154.258 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(214, 227, 218) }
```

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

```
.border{ border-color:rgb(214, 227, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 227, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 227, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 227, 218);  
box-shadow:4px 4px 4px 4px rgb(214, 227,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 6.639, 154.258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 227, 218) }
```

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

```
.background{ background-color: rgb(214,  
227, 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](#).

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