

Converting Colors

CIELCh(89, 6.088, 214.045)

Have a look what the booklet for
CIELCh(89, 6.088, 214.045) contains.

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Color

CIELCh(89, 6.097, 213.988)

Conversions

Conversions Part 1

Format	Color
Hex	D2E3E6
RGB	210, 227, 230
RGB Percent	82%, 89%, 90%
CMY	0.1774, 0.1108, 0.0990
CMYK	0.09, 0.01, 0.00, 0.10
HSL	189°, 28%, 86%
HSV	189°, 9%, 90%
XYZ	68.1549, 74.1641, 85.3995
YIQ	222.2590, -11.0950, -2.6710

Conversions

Conversions Part 2

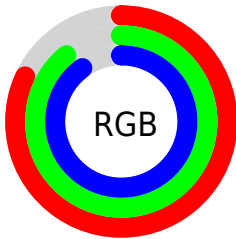
Format	Color
R_{YB}	210, 219, 230
Decimal	13820902
CIE _{Lab}	89.00, -5.06, -3.41
CIE _{LCh}	89, 6.097, 213.988
Yxy	74.1641, 0.2993, 0.3257
Android (android.graphics.Color)	4292010982 (0xFFD2E3E6)
YUV	222.2590, 3.8163, -10.7511
Hunter-Lab	86.1186, -9.4412, 1.4881

Details

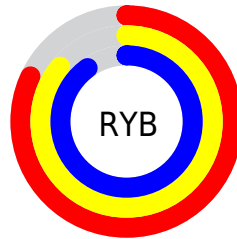
The CIELCh color **89, 6.097, 213.988** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 6.448, 33.773**, and the grayscale version is **88, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 6.374, 213.993** is the 20% darker color. If you saturate the color by 10%, you get **87, 12.732, 214.071**, and if you desaturate by 10%, it is **92, 0.929, 33.168**.

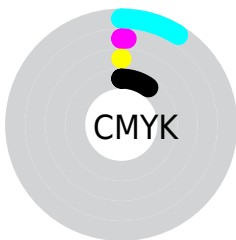
Distribution



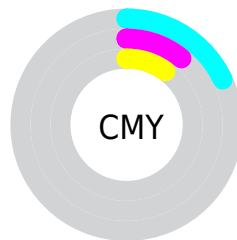
- Red (82%)
- Green (89%)
- Blue (90%)



- Red (82%)
- Yellow (86%)
- Blue (90%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (18%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 6.097, 213.988 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, 6.097, 213.988 by changing the saturation by 10% instead.

■ 89, 6.097, 213.988

■ 89, 6.097, 213.988

■ 100, 6.097,
213.988

■ 79, 6.097, 213.988

■ 69, 6.097, 213.988

■ 59, 6.097, 213.988

■ 49, 6.097, 213.988

■ 39, 6.097, 213.988

■ 29, 6.097, 213.988

■ 19, 6.097, 213.988

■ 9, 6.097, 213.988

■ 0, 6.097, 213.988

89, 6.097, 213.988

89, 6.097, 213.988

87, 12.732,
214.071

92, 0.929, 33.168

84, 18.870,
214.358

94, 8.001, 34.233

82, 24.397,
214.839

95, 7.499, 49.673

80, 29.199,
215.557

96, 7.594, 65.932

78, 33.173,
216.564

97, 8.263, 80.608

77, 36.248,
217.923

98, 9.381, 92.398

75, 38.396,
219.700

98, 10.805,
101.346

74, 39.663,
221.958

99, 12.428,
108.051

■ 73, 40.214,
224.706

Harmonies

Complementary

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



89, 6.097, 213.988



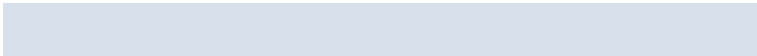
86, 6.448, 33.773

Rectangle

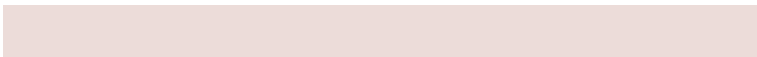
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



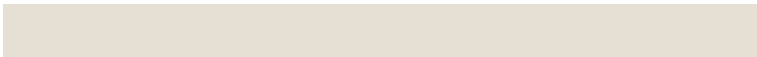
89, 6.097, 213.988



89, 6.097, 263.988



89, 6.097, 33.988



89, 6.097, 83.988

Sweetspot

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



89, 6.098, 213.969



99, 2.320, 214.119



89, 11.588, 147.793



53, 1.755, 214.062



0, 0.000, 0.000



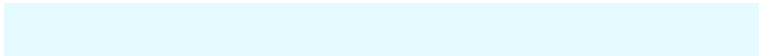
53, 0.007, 296.813

Same Dimension

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



89, 6.098, 213.969



97, 7.597, 213.969



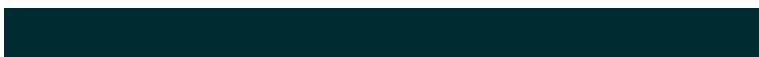
87, 7.066, 269.559



47, 3.968, 213.968



58, 33.354, 224.544



15, 14.101, 219.635

Inverse Universe

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



86, 11.482, 329.330



94, 14.370, 329.416



89, 7.089, 87.230



45, 7.490, 329.377



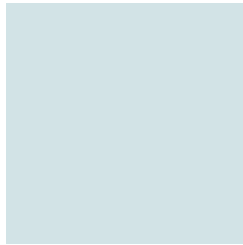
41, 78.675, 335.234



8, 33.608, 334.002

Previews

White Background



This preview shows how the CIELCh color 89, 6.097, 213.988 looks on a white background.

Color Contrast Check

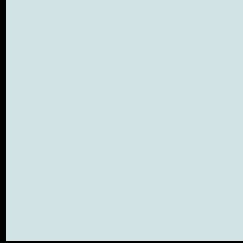
Large Text (above 18pt) WCAG AA × Fail

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, 6.097, 213.988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

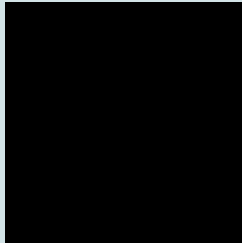
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

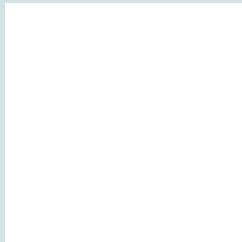
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 6.097, 213.988

Background



This preview shows how black text looks on a background with the CIELCh color 89, 6.097, 213.988.

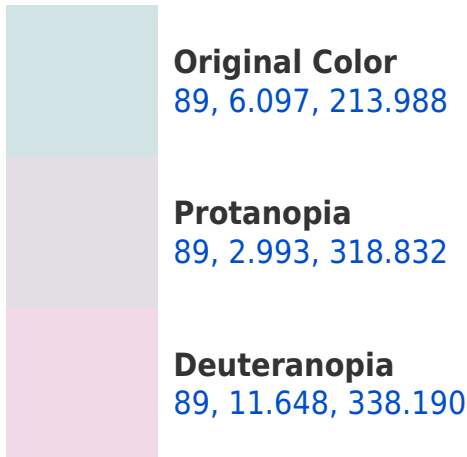


This preview shows how white text looks on a background with the CIELCh color 89, 6.097, 213.988.

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](#).

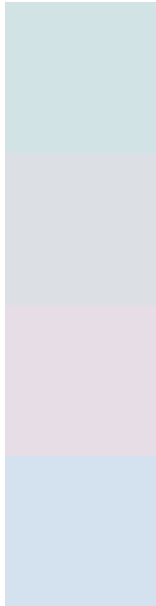
Dichromacy





Tritanopia
89, 10.275, 265.419

Trichromacy



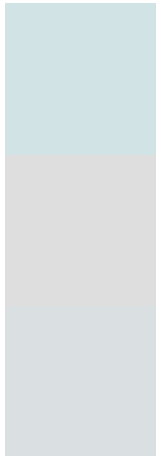
Original Color
89, 6.097, 213.988

Protanomaly
89, 2.505, 256.015

Deuteranomaly
89, 6.151, 321.882

Tritanomaly
89, 8.010, 250.646

Monochromacy



Original Color
89, 6.097, 213.988

Achromatopsia
88, 0.011, 296.813

Achromatomaly
89, 2.184, 213.345

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 6.097, 213.988 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, 227, 230)` looks like.

```
.text, #text, p{  
    color:rgb(210, 227, 230)  
}
```

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, 227, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 227, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 6.097, 213.988 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, 227, 230) }
```

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

```
.border{ border-color:rgb(210, 227, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 227, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 227, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 227, 230);  
box-shadow:4px 4px 4px 4px rgb(210, 227,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 6.097, 213.988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 227, 230) }
```

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

```
.background{ background-color: rgb(210,  
227, 230) }
```

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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