

Converting Colors

CIELCh(89, 0.882, 164.081)

Have a look what the booklet for
CIELCh(89, 0.882, 164.081) contains.

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Color

CIELCh(89, 0.883, 164.078)

Conversions

Conversions Part 1

Format	Color
Hex	DEE0DF
RGB	222, 224, 223
RGB Percent	87%, 88%, 87%
CMY	0.1294, 0.1216, 0.1255
CMYK	0.01, 0.00, 0.00, 0.12
HSL	150°, 3%, 87%
HSV	150°, 1%, 88%
XYZ	70.0948, 74.1641, 80.4284
YIQ	223.2880, -0.8710, -0.7350

Conversions

Conversions Part 2

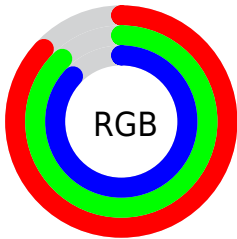
Format	Color
R _{YB}	222, 223, 224
Decimal	14606559
CIE Lab	89.00, -0.85, 0.24
CIE LCh	89, 0.883, 164.078
Yxy	74.1641, 0.3120, 0.3301
Android (android.graphics.Color)	4292796639 (0xFFDEE0DF)
YUV	223.2880, -0.1420, -1.1296
Hunter-Lab	86.1186, -5.4205, 4.9105

Details

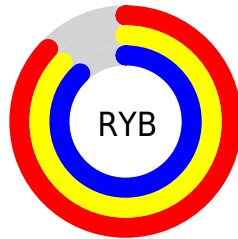
The CIELCh color $89, 0.883, 164.078$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $89, 0.901, 343.185$, and the grayscale version is $89, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $69, 0.932, 163.940$ is the 20% darker color. If you saturate the color by 10%, you get $87, 10.878, 162.723$, and if you desaturate by 10%, it is $91, 9.044, 344.249$.

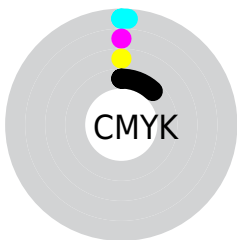
Distribution



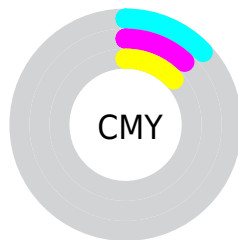
- Red (87%)
- Green (88%)
- Blue (87%)



- Red (87%)
- Yellow (87%)
- Blue (88%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 0.883, 164.078 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, 0.883, 164.078 by changing the saturation by 10% instead.

■ 89, 0.883, 164.078

■ 89, 0.883, 164.078

■ 100, 0.883,
164.078

■ 79, 0.883, 164.078

■ 69, 0.883, 164.078

■ 59, 0.883, 164.078

■ 49, 0.883, 164.078

■ 39, 0.883, 164.078

■ 29, 0.883, 164.078

■ 19, 0.883, 164.078

■ 9, 0.883, 164.078

■ 0, 0.883, 164.078

89, 0.883, 164.078

89, 0.883, 164.078

87, 10.878,
162.723

91, 9.044, 344.249

85, 20.828,
161.764

92, 15.632,
335.457

84, 30.603,
160.708

92, 19.393,
325.098

83, 40.048,
159.521

82, 48.992,
158.179

81, 57.267,
156.656

80, 64.726,
154.930

79, 71.275,
152.989

■ 79, 76.895,
150.842

Harmonies

Complementary

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



89, 0.883, 164.078



89, 0.901, 343.185

Rectangle

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



89, 0.883, 164.078



89, 0.883, 214.078



89, 0.883, 344.078



89, 0.883, 34.078

Sweetspot

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



89, 0.885, 164.027

100, 0.012, 296.813



89, 1.093, 128.557



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

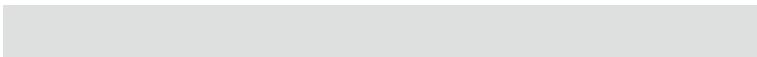
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 0.885, 164.027



100, 1.100, 163.962



89, 0.714, 198.802



47, 0.563, 163.997



63, 67.355, 149.187



17, 25.327, 153.669

Inverse Universe

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



89, 0.901, 343.185



99, 1.117, 343.248



89, 0.721, 17.248



47, 0.572, 343.215



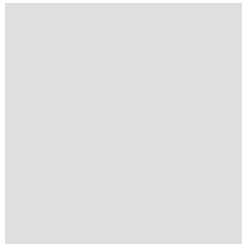
38, 64.186, 1.746



6, 26.440, 354.665

Previews

White Background



This preview shows how the CIELCh color 89, 0.883, 164.078 looks on a white background.

Color Contrast Check

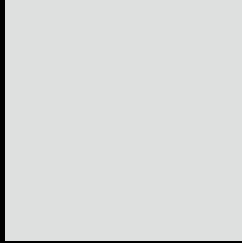
Large Text (above 18pt) WCAG AA × Fail

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, 0.883, 164.078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

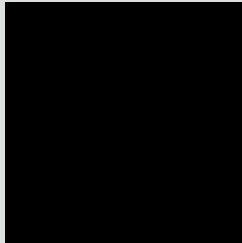
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

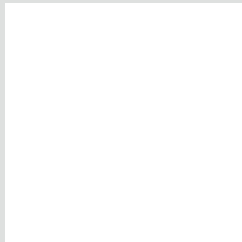
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 0.883, 164.078

Background



This preview shows how black text looks on a background with the CIELCh color 89, 0.883, 164.078.

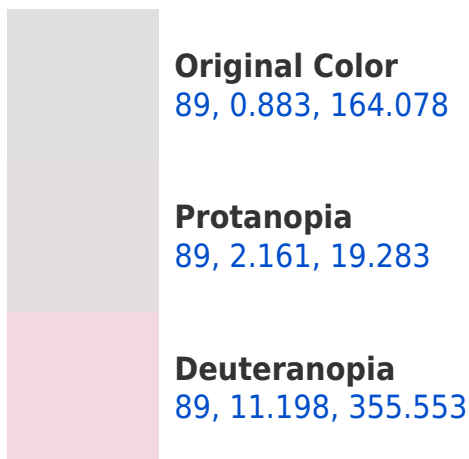


This preview shows how white text looks on a background with the CIELCh color 89, 0.883, 164.078.

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](#).

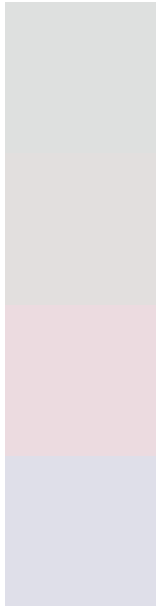
Dichromacy





Tritanopia
89, 8.903, 295.385

Trichromacy



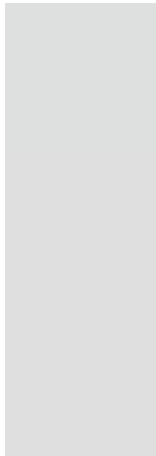
Original Color
89, 0.883, 164.078

Protanomaly
89, 1.188, 44.854

Deuteranomaly
89, 6.690, 356.969

Tritanomaly
89, 5.215, 290.617

Monochromacy



Original Color
89, 0.883, 164.078

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 0.011, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 0.883, 164.078 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(222, 224, 223)` looks like.

```
.text, #text, p{  
    color:rgb(222, 224, 223)  
}
```

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(222, 224, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 224, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 0.883, 164.078 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(222, 224, 223) }
```

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

```
.border{ border-color:rgb(222, 224, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 224, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 224, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 224, 223);  
box-shadow:4px 4px 4px 4px rgb(222, 224,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 0.883, 164.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 224, 223) }
```

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

```
.background{ background-color: rgb(222,  
224, 223) }
```

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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