

Converting Colors

CIELCh(78, 8.375, 205.037)

Have a look what the booklet for
CIELCh(78, 8.375, 205.037) contains.

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Color

CIELCh(78, 8.201, 206.389)

Conversions

Conversions Part 1

Format	Color
Hex	AEC5C7
RGB	174, 197, 199
RGB Percent	68%, 77%, 78%
CMY	0.3166, 0.2264, 0.2186
CMYK	0.13, 0.01, 0.00, 0.22
HSL	185°, 18%, 73%
HSV	185°, 13%, 78%
XYZ	47.8749, 53.2120, 61.9367
YIQ	190.3510, -14.3500, -4.2540

Conversions

Conversions Part 2

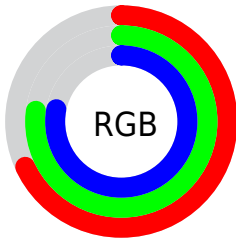
Format	Color
R_{YB}	174, 186, 199
Decimal	11453895
CIE _{Lab}	78.00, -7.35, -3.65
CIE _{LCh}	78, 8.201, 206.389
Yxy	53.2120, 0.2937, 0.3264
Android (android.graphics.Color)	4289643975 (0xFFAEC5C7)
YUV	190.3510, 4.2640, -14.3398
Hunter-Lab	72.9466, -10.5068, 0.7213

Details

The CIELCh color `78, 8.201, 206.389` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `74, 8.901, 27.011`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `98, 8.185, 202.555`, and `58, 8.236, 206.657` is the 20% darker color. If you saturate the color by 10%, you get `76, 14.287, 206.195`, and if you desaturate by 10%, it is `80, 1.708, 206.868`.

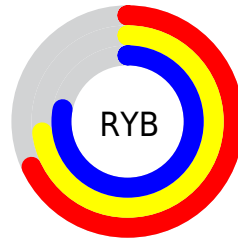
Distribution



Red (68%)

Green (77%)

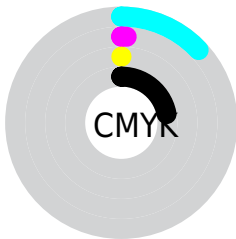
Blue (78%)



Red (68%)

Yellow (73%)

Blue (78%)

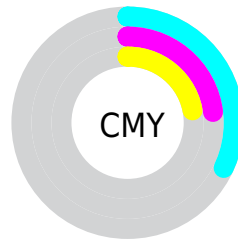


Cyan (13%)

Magenta (1%)

Yellow (0%)

Black (22%)



Cyan (32%)

Magenta (23%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 8.201, 206.389 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 78, 8.201, 206.389 by changing the saturation by 10% instead.

■ 78, 8.201, 206.389

■ 78, 8.201, 206.389

■ 100, 8.201,
206.389

■ 68, 8.201, 206.389

■ 98, 8.201, 206.389

■ 58, 8.201, 206.389

■ 48, 8.201, 206.389

■ 38, 8.201, 206.389

■ 28, 8.201, 206.389

■ 18, 8.201, 206.389

■ 8, 8.201, 206.389

■ 0, 8.201, 206.389

■ 78, 8.201, 206.389

■ 78, 8.201, 206.389

76, 14.287,
206.195

80, 1.708, 206.868

75, 19.858,
206.131

82, 5.098, 26.731

73, 24.805,
206.196

84, 12.133, 27.138

72, 29.025,
206.413

87, 19.261, 29.986

71, 32.431,
206.809

87, 18.832, 32.671

70, 34.967,
207.412

87, 18.447, 35.476

69, 36.625,
208.252

88, 18.109, 38.393

69, 37.457,
209.352

88, 17.821, 41.413

68, 37.697,

Harmonies

Complementary

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



78, 8.201, 206.389



74, 8.901, 27.011

Rectangle

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



78, 8.201, 206.389



78, 8.201, 256.389



78, 8.201, 26.389



78, 8.201, 76.389

Sweetspot

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



78, 8.202, 206.377



99, 3.264, 206.708



78, 15.635, 145.530



53, 2.316, 206.657



0, 0.000, 0.000



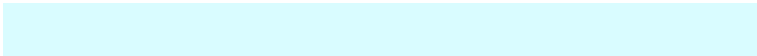
53, 0.007, 296.813

Same Dimension

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



78, 8.202, 206.377



97, 11.886, 206.316



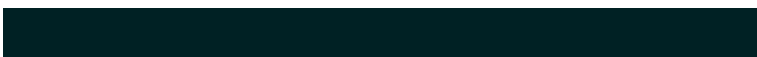
75, 8.483, 264.025



41, 3.733, 206.466



57, 32.541, 210.089



11, 11.986, 206.806

Inverse Universe

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



74, 15.517, 327.366



91, 22.688, 327.522



77, 8.637, 80.657



39, 6.990, 327.179



38, 77.777, 331.656



4, 24.965, 329.794

Previews

White Background



This preview shows how the CIELCh color 78, 8.201, 206.389 looks on a white background.

Color Contrast Check

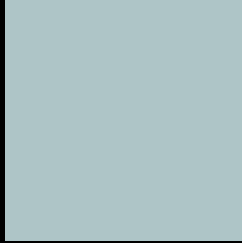
Large Text (above 18pt) WCAG AA × Fail

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 78, 8.201, 206.389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

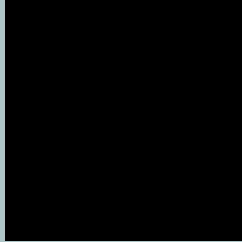
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

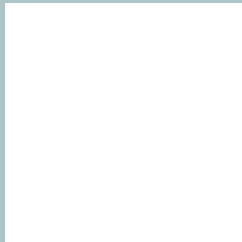
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 8.201, 206.389

Background



This preview shows how black text looks on a background with the CIELCh color 78, 8.201, 206.389.

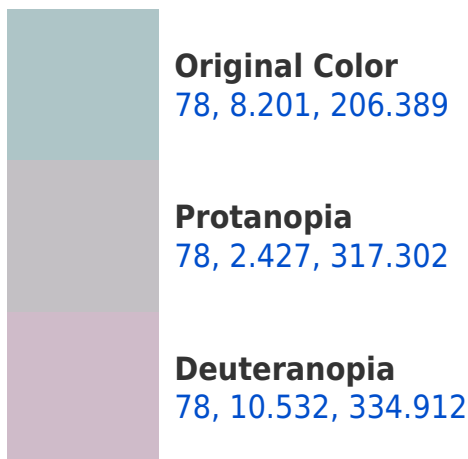



This preview shows how white text looks on a background with the CIELCh color 78, 8.201, 206.389.

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
78, 10.659, 252.874

Trichromacy



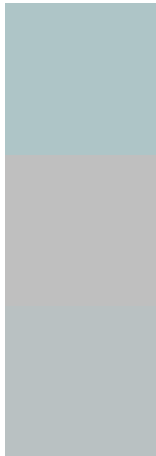
Original Color
78, 8.201, 206.389

Protanomaly
78, 2.979, 232.082

Deuteranomaly
78, 5.062, 307.292

Tritanomaly
78, 9.277, 238.575

Monochromacy



Original Color
78, 8.201, 206.389

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 2.948, 209.851

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 8.201, 206.389 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(174, 197, 199)` looks like.

```
.text, #text, p{  
    color:rgb(174, 197, 199)  
}
```

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(174, 197, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 197, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 8.201, 206.389 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(174, 197, 199) }
```

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

```
.border{ border-color:rgb(174, 197, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 197, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 197, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 197, 199);  
box-shadow:4px 4px 4px 4px rgb(174, 197,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 8.201, 206.389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 197, 199) }
```

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

```
.background{ background-color: rgb(174,  
197, 199) }
```

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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