

Converting Colors

CIELCh(78, 6.078, 214.344)

Have a look what the booklet for
CIELCh(78, 6.078, 214.344) contains.

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Color

CIELCh(78, 6.244, 213.988)

Conversions

Conversions Part 1

Format	Color
Hex	B3C4C7
RGB	179, 196, 199
RGB Percent	70%, 77%, 78%
CMY	0.2979, 0.2312, 0.2194
CMYK	0.10, 0.02, 0.00, 0.22
HSL	189°, 15%, 74%
HSV	189°, 10%, 78%
XYZ	48.6623, 53.2120, 61.7636
YIQ	191.2590, -11.0950, -2.6710

Conversions

Conversions Part 2

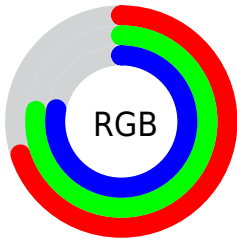
Format	Color
R_{YB}	179, 188, 199
Decimal	11781319
CIE _{Lab}	78.00, -5.18, -3.49
CIE _{LCh}	78, 6.244, 213.988
Yxy	53.2120, 0.2974, 0.3252
Android (android.graphics.Color)	4289971399 (0xFFB3C4C7)
YUV	191.2590, 3.8163, -10.7511
Hunter-Lab	72.9466, -8.5800, 0.8620

Details

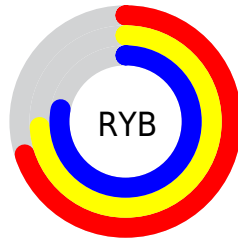
The CIELCh color **78, 6.244, 213.988** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 6.660, 33.799**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 6.230, 208.571**, and **58, 6.209, 214.916** is the 20% darker color. If you saturate the color by 10%, you get **76, 12.101, 214.098**, and if you desaturate by 10%, it is **80, 0.033, 230.715**.

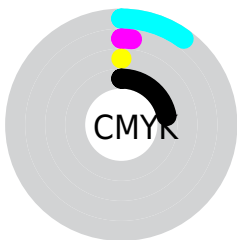
Distribution



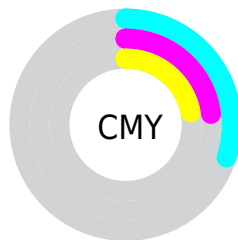
- Red (70%)
- Green (77%)
- Blue (78%)



- Red (70%)
- Yellow (74%)
- Blue (78%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)



- Cyan (30%)
- Magenta (23%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 6.244, 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 78, 6.244, 213.988 by changing the saturation by 10% instead.

 78, 6.244, 213.988

 78, 6.244, 213.988

 100, 6.244,
213.988

 68, 6.244, 213.988

 98, 6.244, 213.988

 58, 6.244, 213.988

 48, 6.244, 213.988

 38, 6.244, 213.988

 28, 6.244, 213.988

 18, 6.244, 213.988

 8, 6.244, 213.988

 0, 6.244, 213.988

 78, 6.244, 213.988

 78, 6.244, 213.988

76, 12.101,
214.098

80, 0.033, 230.715

74, 17.508,
214.403

83, 6.455, 33.782

72, 22.364,
214.902

85, 13.144, 33.931

70, 26.572,
215.638

88, 17.974, 40.534

69, 30.042,
216.664

89, 17.547, 46.355

67, 32.715,
218.041

89, 17.312, 52.395

66, 34.571,
219.834

90, 17.278, 58.524

65, 35.655,
222.102

91, 17.444, 64.596

64, 36.165,

224.793

Harmonies

Complementary

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



78, 6.244, 213.988



75, 6.660, 33.799

Rectangle

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



78, 6.244, 213.988



78, 6.244, 263.988



78, 6.244, 33.988



78, 6.244, 83.988

Sweetspot

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



78, 6.245, 213.971



99, 2.320, 214.121



78, 11.918, 147.705



53, 1.755, 214.064



0, 0.000, 0.000



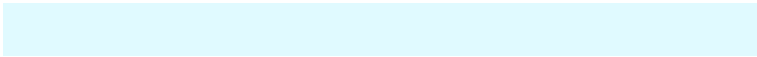
53, 0.007, 296.813

Same Dimension

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



78, 6.245, 213.971



97, 9.067, 213.982



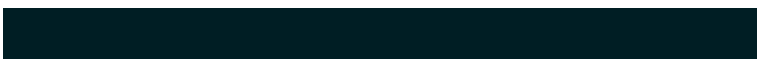
75, 7.265, 269.733



41, 3.528, 213.971



53, 31.222, 224.330



10, 11.402, 217.560

Inverse Universe

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



75, 11.807, 329.410



92, 17.264, 329.543



78, 7.297, 87.074



39, 6.657, 329.368



37, 73.689, 335.180



4, 23.471, 332.665

Previews

White Background



This preview shows how the CIELCh color 78, 6.244, 213.988 looks on a white background.

Color Contrast Check

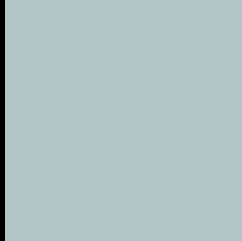
Large Text (above 18pt) WCAG AA × Fail

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 78, 6.244, 213.988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

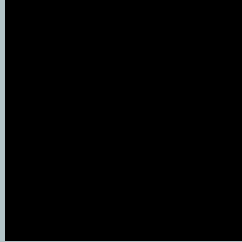
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

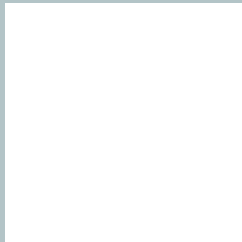
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 6.244, 213.988

Background



This preview shows how black text looks on a background with the CIELCh color 78, 6.244, 213.988.



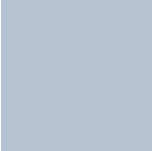
This preview shows how white text looks on a background with the CIELCh color 78, 6.244, 213.988.

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
78, 9.601, 262.747

Trichromacy



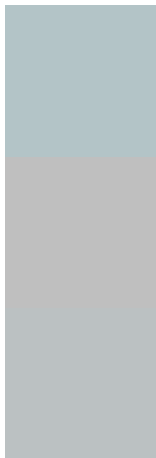
Original Color
78, 6.244, 213.988

Protanomaly
78, 2.573, 256.060

Deuteranomaly
78, 5.970, 315.910

Tritanomaly
78, 7.816, 248.237

Monochromacy



Original Color
78, 6.244, 213.988

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 2.243, 213.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 6.244, 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(179, 196, 199)` looks like.

```
.text, #text, p{  
    color:rgb(179, 196, 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(179, 196, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 196, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 6.244, 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(179, 196, 199) }
```

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

```
.border{ border-color:rgb(179, 196, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 196, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 196, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 196, 199);  
box-shadow:4px 4px 4px 4px rgb(179, 196,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 6.244, 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(179, 196, 199) }
```

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

```
.background{ background-color: rgb(179,  
196, 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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