

Converting Colors

CIELCh(78, 7.063, 204.447)

Have a look what the booklet for
CIELCh(78, 7.063, 204.447) contains.

CIELCh(78, 7.145, 203.248)	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(78, 7.145, 203.248)

Conversions

Conversions Part 1

Format	Color
Hex	B1C5C6
RGB	177, 197, 198
RGB Percent	69%, 77%, 78%
CMY	0.3068, 0.2284, 0.2244
CMYK	0.11, 0.01, 0.00, 0.22
HSL	183°, 15%, 73%
HSV	183°, 11%, 78%
XYZ	48.1576, 53.2120, 61.0164
YIQ	191.1340, -12.2410, -3.9290

Conversions

Conversions Part 2

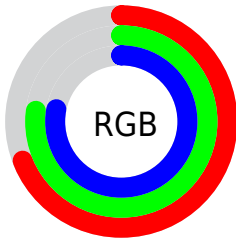
Format	Color
R_{YB}	177, 187, 198
Decimal	11650502
CIE _{Lab}	78.00, -6.56, -2.82
CIE _{LCh}	78, 7.145, 203.248
Yxy	53.2120, 0.2966, 0.3277
Android (android.graphics.Color)	4289840582 (0xFFB1C5C6)
YUV	191.1340, 3.3849, -12.3955
Hunter-Lab	72.9466, -9.8149, 1.4693

Details

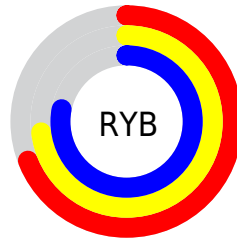
The CIELCh color `78, 7.145, 203.248` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `74, 7.650, 23.992`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `98, 7.187, 203.124`, and `58, 7.142, 203.364` is the 20% darker color. If you saturate the color by 10%, you get `76, 13.471, 202.885`, and if you desaturate by 10%, it is `80, 0.424, 204.830`.

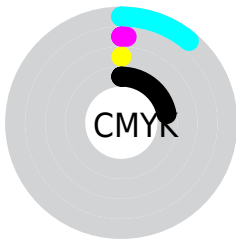
Distribution



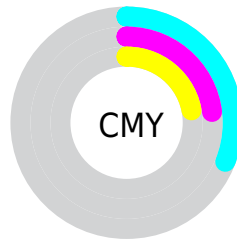
- Red (69%)
- Green (77%)
- Blue (78%)



- Red (69%)
- Yellow (73%)
- Blue (78%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (31%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 7.145, 203.248 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, 7.145, 203.248 by changing the saturation by 10% instead.

■ 78, 7.145, 203.248

■ 78, 7.145, 203.248

■ 100, 7.145,
203.248

■ 68, 7.145, 203.248

■ 98, 7.145, 203.248

■ 58, 7.145, 203.248

■ 48, 7.145, 203.248

■ 38, 7.145, 203.248

■ 28, 7.145, 203.248

■ 18, 7.145, 203.248

■ 8, 7.145, 203.248

■ 0, 7.145, 203.248

■ 78, 7.145, 203.248

■ 78, 7.145, 203.248

76, 13.471,
202.885

80, 0.424, 204.830

75, 19.293,
202.633

82, 6.596, 23.868

74, 24.499,
202.478

83, 13.830, 24.367

73, 28.983,
202.432

86, 20.558, 26.276

72, 32.654,
202.510

86, 20.264, 27.693

71, 35.452,
202.729

86, 19.982, 29.151

70, 37.361,
203.102

86, 19.715, 30.651

70, 38.423,
203.640

87, 19.462, 32.191

70, 38.830,

Harmonies

Complementary

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



78, 7.145, 203.248



74, 7.650, 23.992

Rectangle

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



78, 7.145, 203.248



78, 7.145, 253.248



78, 7.145, 23.248



78, 7.145, 73.248

Sweetspot

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



78, 7.146, 203.235



99, 2.528, 203.699



78, 13.438, 144.728



53, 1.913, 203.613



0, 0.000, 0.000



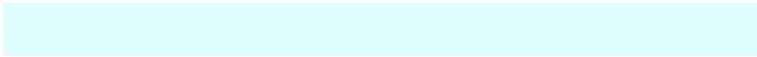
53, 0.007, 296.813

Same Dimension

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



78, 7.146, 203.235



97, 10.680, 203.133



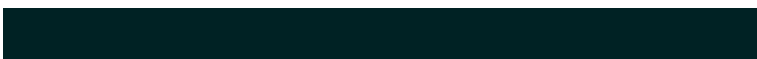
75, 6.913, 260.403



41, 3.847, 203.287



58, 33.698, 204.158



11, 12.349, 202.350

Inverse Universe

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



74, 13.328, 326.308



92, 20.088, 326.457



77, 7.051, 77.575



39, 7.148, 326.237



38, 79.764, 330.195



4, 25.678, 328.611

Previews

White Background



This preview shows how the CIELCh color 78, 7.145, 203.248 looks on a white background.

Color Contrast Check

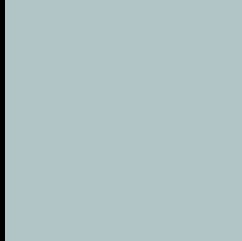
Large Text (above 18pt) WCAG AA × Fail

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, 7.145, 203.248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

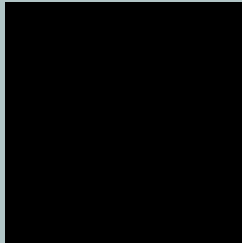
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 7.145, 203.248

Background



This preview shows how black text looks on a background with the CIELCh color 78, 7.145, 203.248.




This preview shows how white text looks on a background with the CIELCh color 78, 7.145, 203.248.

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, 9.658, 255.673

Trichromacy



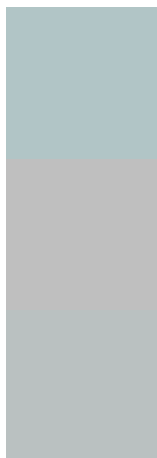
Original Color
78, 7.145, 203.248

Protanomaly
78, 2.414, 225.825

Deuteranomaly
78, 4.842, 317.424

Tritanomaly
78, 8.179, 240.093

Monochromacy



Original Color
78, 7.145, 203.248

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 2.552, 199.416

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 7.145, 203.248 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(177, 197, 198)` looks like.

```
.text, #text, p{  
    color:rgb(177, 197, 198)  
}
```

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(177, 197, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 197, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 7.145, 203.248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

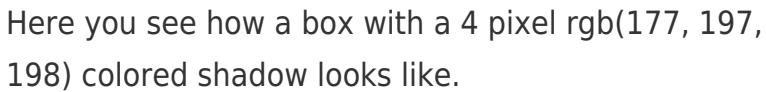
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 197, 198) }
```

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

```
.border{ border-color:rgb(177, 197, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 197, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 197, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 197, 198); box-shadow:4px 4px 4px 4px rgb(177, 197, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 7.145, 203.248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 197, 198) }
```

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

```
.background{ background-color: rgb(177,  
197, 198) }
```

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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