

Converting Colors

CIELCh(78, 1.614, 194.551)

Have a look what the booklet for
CIELCh(78, 1.614, 194.551) contains.

CIELCh(78, 1.911, 183.285)	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, 1.911, 183.285)

Conversions

Conversions Part 1

Format	Color
Hex	BDC2C1
RGB	189, 194, 193
RGB Percent	74%, 76%, 76%
CMY	0.2591, 0.2395, 0.2434
CMYK	0.03, 0.00, 0.01, 0.24
HSL	168°, 4%, 75%
HSV	168°, 3%, 76%
XYZ	49.8653, 53.2120, 58.0563
YIQ	192.3910, -2.6590, -1.3710

Conversions

Conversions Part 2

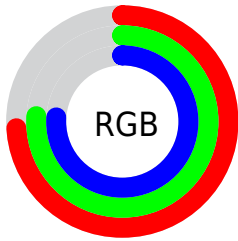
Format	Color
R_{YB}	189, 192, 194
Decimal	12436161
CIE _{Lab}	78.00, -1.91, -0.11
CIE _{LCh}	78, 1.911, 183.285
Yxy	53.2120, 0.3095, 0.3302
Android (android.graphics.Color)	4290626241 (0xFFBDC2C1)
YUV	192.3910, 0.3002, -2.9739
Hunter-Lab	72.9466, -5.6362, 3.8752

Details

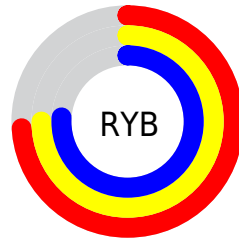
The CIELCh color **78, 1.911, 183.285** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77, 1.939, 3.184**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 1.822, 183.403**, and **58, 1.550, 199.525** is the 20% darker color. If you saturate the color by 10%, you get **77, 9.227, 182.145**, and if you desaturate by 10%, it is **80, 5.560, 3.751**.

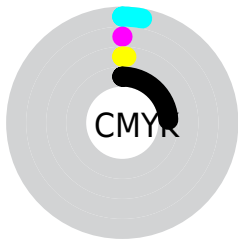
Distribution



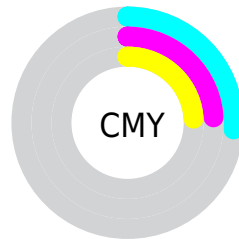
- Red (74%)
- Green (76%)
- Blue (76%)



- Red (74%)
- Yellow (75%)
- Blue (76%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



- Cyan (26%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 1.911, 183.285 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, 1.911, 183.285 by changing the saturation by 10% instead.

■ 78, 1.911, 183.285

■ 78, 1.911, 183.285

■ 100, 1.911,
183.285

■ 68, 1.911, 183.285

■ 98, 1.911, 183.285

■ 58, 1.911, 183.285

■ 48, 1.911, 183.285

■ 38, 1.911, 183.285

■ 28, 1.911, 183.285

■ 18, 1.911, 183.285

■ 8, 1.911, 183.285

■ 0, 1.911, 183.285

■ 78, 1.911, 183.285

■ 78, 1.911, 183.285

77, 9.227, 182.145

80, 5.560, 3.751

75, 16.284,
181.182

81, 13.106, 4.627

74, 22.968,
180.177

83, 20.660, 5.435

84, 23.978, 2.939

73, 29.157,
179.108

84, 24.546,
358.360

72, 34.728,
177.955

84, 25.273,
354.027

71, 39.575,
176.695

84, 26.146,
349.972

71, 43.620,
175.307

85, 27.149,
346.211

71, 46.832,
173.767

85, 28.269,
342.747

70, 49.246,
172.060

Harmonies

Complementary

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



78, 1.911, 183.285



77, 1.939, 3.184

Rectangle

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



78, 1.911, 183.285



78, 1.911, 233.285



78, 1.911, 3.285



78, 1.911, 53.285

Sweetspot

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



78, 1.913, 183.245



99, 0.917, 183.784



78, 3.049, 138.265



53, 0.525, 183.823



0, 0.000, 0.000



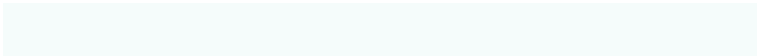
53, 0.007, 296.813

Same Dimension

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



78, 1.913, 183.245



99, 2.754, 183.165



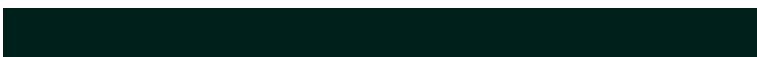
78, 1.507, 229.985



41, 1.679, 183.062



59, 43.920, 171.006



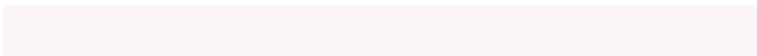
10, 14.353, 175.993

Inverse Universe

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



77, 1.939, 3.184



97, 2.795, 3.266



77, 1.521, 49.017



40, 1.707, 3.371



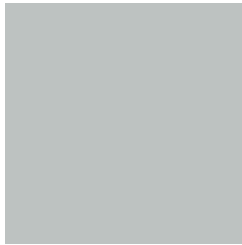
33, 65.404, 28.777



3, 14.289, 8.593

Previews

White Background



This preview shows how the CIELCh color 78, 1.911, 183.285 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, 1.911, 183.285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

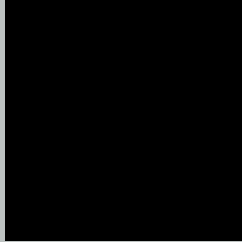
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

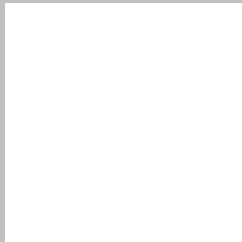
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 1.911, 183.285

Background



This preview shows how black text looks on a background with the CIELCh color 78, 1.911, 183.285.



This preview shows how white text looks on a background with the CIELCh color 78, 1.911, 183.285.

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



Original Color

78, 1.911, 183.285

Protanopia

78, 1.479, 19.161

Deuteranopia

78, 9.369, 356.658



Tritanopia
78, 8.041, 288.381

Trichromacy



Original Color
78, 1.911, 183.285

Protanomaly
78, 0.525, 110.010

Deuteranomaly
78, 4.951, 354.143

Tritanomaly
78, 4.924, 277.983

Monochromacy



Original Color
78, 1.911, 183.285

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 0.909, 164.002

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 1.911, 183.285 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(189, 194, 193)` looks like.

```
.text, #text, p{  
    color:rgb(189, 194, 193)  
}
```

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(189, 194, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 194, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 1.911, 183.285 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(189, 194, 193) }
```

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

```
.border{ border-color:rgb(189, 194, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 194, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 194, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 194, 193);  
box-shadow:4px 4px 4px 4px rgb(189, 194,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 1.911, 183.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 194, 193) }
```

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

```
.background{ background-color: rgb(189,  
194, 193) }
```

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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