

Converting Colors

CIELCh(77, 6.556, 194.186)

Have a look what the booklet for
CIELCh(77, 6.556, 194.186) contains.

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Color

CIELCh(77, 6.517, 194.244)

Conversions

Conversions Part 1

Format	Color
Hex	B0C2C1
RGB	176, 194, 193
RGB Percent	69%, 76%, 76%
CMY	0.3106, 0.2401, 0.2440
CMYK	0.09, 0.00, 0.01, 0.24
HSL	177°, 13%, 72%
HSV	177°, 9%, 76%
XYZ	46.7003, 51.5317, 57.8096
YIQ	188.5040, -10.4070, -4.1270

Conversions

Conversions Part 2

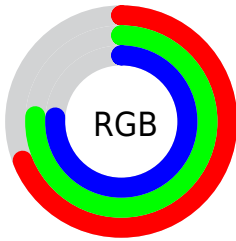
Format	Color
R _Y B	176, 185, 194
Decimal	11584193
CIE Lab	77.00, -6.32, -1.60
CIE LCh	77, 6.517, 194.244
Yxy	51.5317, 0.2993, 0.3302
Android (android.graphics.Color)	4289774273 (0xFFB0C2C1)
YUV	188.5040, 2.2165, -10.9660
Hunter-Lab	71.7856, -9.5013, 2.5032

Details

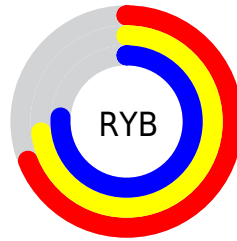
The CIELCh color `77, 6.517, 194.244` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `73, 6.868, 15.404`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 6.240, 194.398`, and `57, 6.446, 198.835` is the 20% darker color. If you saturate the color by 10%, you get `76, 13.206, 193.520`, and if you desaturate by 10%, it is `78, 0.512, 13.789`.

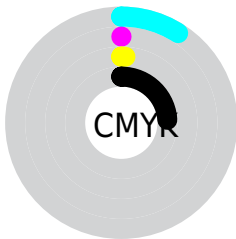
Distribution



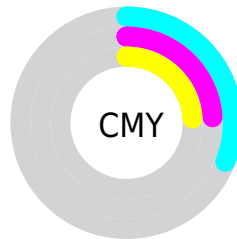
- Red (69%)
- Green (76%)
- Blue (76%)



- Red (69%)
- Yellow (73%)
- Blue (76%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



- Cyan (31%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 6.517, 194.244 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 77, 6.517, 194.244 by changing the saturation by 10% instead.

■ 77, 6.517, 194.244

■ 77, 6.517, 194.244

■ 100, 6.517,
194.244

■ 67, 6.517, 194.244

■ 97, 6.517, 194.244

■ 57, 6.517, 194.244

■ 47, 6.517, 194.244

■ 37, 6.517, 194.244

■ 27, 6.517, 194.244

■ 17, 6.517, 194.244

■ 7, 6.517, 194.244

■ 0, 6.517, 194.244

■ 77, 6.517, 194.244

■ 77, 6.517, 194.244

76, 13.206,
193.520

78, 0.512, 13.789

75, 19.440,
192.850

80, 7.784, 15.445

74, 25.105,
192.197

82, 15.213, 16.168

73, 30.087,
191.556

84, 22.728, 16.870

72, 34.288,
190.921

84, 23.386, 15.677

72, 37.639,
190.282

84, 23.396, 14.302

71, 40.114,
189.628

84, 23.420, 12.930

71, 41.740,
188.945

84, 23.458, 11.562

71, 42.681,

84, 23.511, 10.199

Harmonies

Complementary

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



77, 6.517, 194.244



73, 6.868, 15.404

Rectangle

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



77, 6.517, 194.244



77, 6.517, 244.244



77, 6.517, 14.244



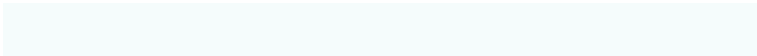
77, 6.517, 64.244

Sweetspot

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



77, 6.518, 194.231



99, 2.641, 194.817



77, 11.565, 142.167



53, 2.016, 194.710



0, 0.000, 0.000



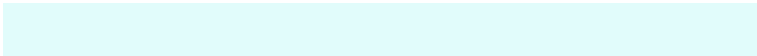
53, 0.007, 296.813

Same Dimension

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



77, 6.518, 194.231



97, 9.529, 194.090



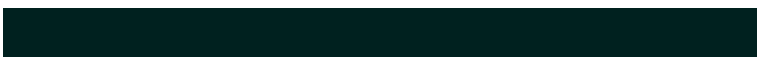
75, 5.526, 249.047



40, 3.978, 194.225



60, 37.168, 188.285



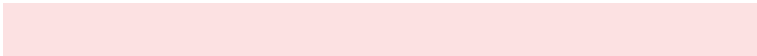
11, 12.853, 190.152

Inverse Universe

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



73, 6.868, 15.404



92, 10.150, 15.577



75, 5.702, 66.786



38, 4.193, 15.412



33, 71.561, 37.434



3, 14.029, 16.362

Previews

White Background



This preview shows how the CIELCh color 77, 6.517, 194.244 looks on a white background.

Color Contrast Check

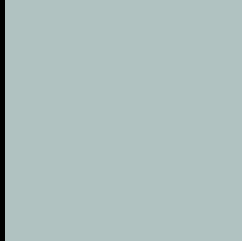
Large Text (above 18pt) WCAG AA × Fail

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 77, 6.517, 194.244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

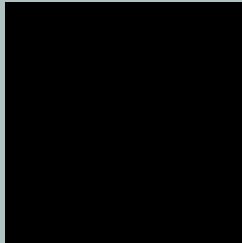
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

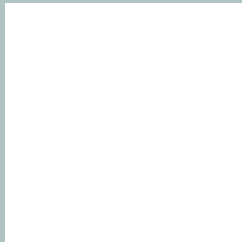
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 6.517, 194.244

Background



This preview shows how black text looks on a background with the CIELCh color 77, 6.517, 194.244.

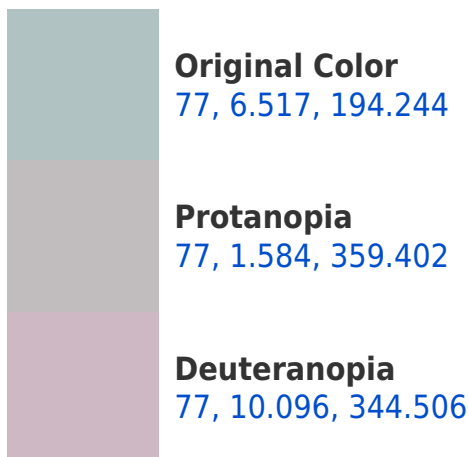


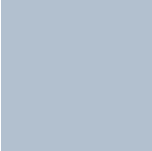
This preview shows how white text looks on a background with the CIELCh color 77, 6.517, 194.244.

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
77, 9.323, 259.214

Trichromacy



Original Color
77, 6.517, 194.244

Protanomaly
77, 1.466, 199.654

Deuteranomaly
77, 4.153, 328.753

Tritanomaly
77, 7.352, 240.321

Monochromacy



Original Color
77, 6.517, 194.244

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 2.196, 199.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 6.517, 194.244 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(176, 194, 193)` looks like.

```
.text, #text, p{  
    color:rgb(176, 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(176, 194, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 194, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 6.517, 194.244 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(176, 194, 193) }
```

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

```
.border{ border-color:rgb(176, 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(176, 194, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 194, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 194, 193);  
box-shadow:4px 4px 4px 4px rgb(176, 194,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 6.517, 194.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 194, 193) }
```

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

```
.background{ background-color: rgb(176,  
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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