

Converting Colors

CIELCh(77, 8.075, 163.464)

Have a look what the booklet for
CIELCh(77, 8.075, 163.464) contains.

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Color

CIELCh(77, 7.616, 164.578)

Conversions

Conversions Part 1

Format	Color
Hex	B1C2BA
RGB	177, 194, 186
RGB Percent	69%, 76%, 73%
CMY	0.3055, 0.2388, 0.2702
CMYK	0.09, 0.00, 0.04, 0.24
HSL	152°, 12%, 73%
HSV	152°, 9%, 76%
XYZ	46.3372, 51.5317, 54.0099
YIQ	188.0050, -7.5640, -6.0920

Conversions

Conversions Part 2

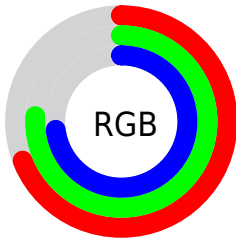
Format	Color
RYB	177, 188, 194
Decimal	11649722
CIELab	77.00, -7.34, 2.03
CIELCh	77, 7.616, 164.578
Yxy	51.5317, 0.3051, 0.3393
Android (android.graphics.Color)	4289839802 (0xFFB1C2BA)
YUV	188.0050, -0.9885, -9.6514
Hunter-Lab	71.7856, -10.4041, 5.6414

Details

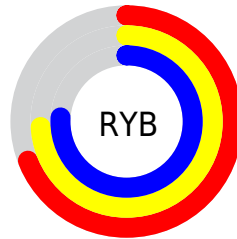
The CIELCh color $77, 7.616, 164.578$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74, 7.721, 345.954$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 7.259, 164.754$, and $57, 7.435, 166.232$ is the 20% darker color. If you saturate the color by 10%, you get $75, 16.287, 163.619$, and if you desaturate by 10%, it is $79, 1.082, 344.983$.

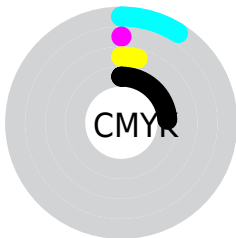
Distribution



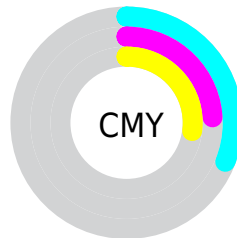
- Red (69%)
- Green (76%)
- Blue (73%)



- Red (69%)
- Yellow (74%)
- Blue (76%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)



- Cyan (31%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 7.616, 164.578 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, 7.616, 164.578 by changing the saturation by 10% instead.

■ 77, 7.616, 164.578

■ 77, 7.616, 164.578

■ 100, 7.616,
164.578

■ 67, 7.616, 164.578

■ 97, 7.616, 164.578

■ 57, 7.616, 164.578

■ 47, 7.616, 164.578

■ 37, 7.616, 164.578

■ 27, 7.616, 164.578

■ 17, 7.616, 164.578

■ 7, 7.616, 164.578

■ 0, 7.616, 164.578

■ 77, 7.616, 164.578

■ 77, 7.616, 164.578

75, 16.287,
163.619

79, 1.082, 344.983

74, 24.815,
162.583

81, 9.726, 346.087

73, 33.072,
161.430

82, 18.247,
346.817

72, 40.916,
160.133

85, 26.597,
347.483

71, 48.200,
158.669

85, 29.379,
339.657

70, 54.797,
157.012

85, 32.582,
333.230

70, 60.615,
155.147

85, 36.147,
328.092

69, 65.623,
153.072

86, 38.196,
325.751

69, 69.921,

150.847

Harmonies

Complementary

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



77, 7.616, 164.578



74, 7.721, 345.954

Rectangle

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



77, 7.616, 164.578



77, 7.616, 214.578



77, 7.616, 344.578



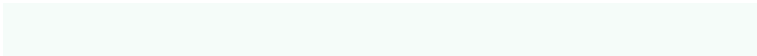
77, 7.616, 34.578

Sweetspot

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



77, 7.618, 164.573



98, 3.222, 165.163



77, 9.693, 129.282



53, 2.464, 165.062



0, 0.000, 0.000



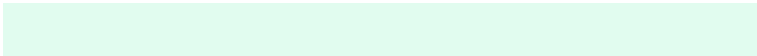
53, 0.007, 296.813

Same Dimension

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



77, 7.618, 164.573



97, 11.840, 164.346



77, 6.017, 200.480



40, 4.923, 164.516



58, 60.795, 150.933



10, 18.081, 157.762

Inverse Universe

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



74, 7.721, 345.954



92, 12.037, 346.182



74, 6.358, 21.235



38, 4.993, 346.011



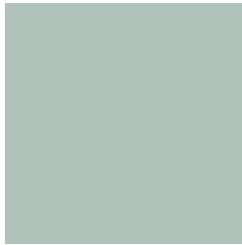
34, 59.819, 4.274



3, 15.587, 354.081

Previews

White Background



This preview shows how the CIELCh color 77, 7.616, 164.578 looks on a white background.

Color Contrast Check

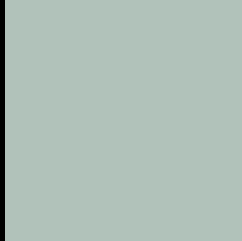
Large Text (above 18pt) WCAG AA × Fail

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 77, 7.616, 164.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

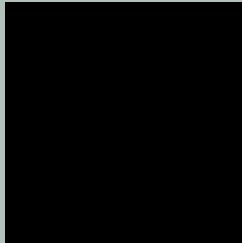
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 7.616, 164.578

Background



This preview shows how black text looks on a background with the CIELCh color 77, 7.616, 164.578.



This preview shows how white text looks on a background with the CIELCh color 77, 7.616, 164.578.

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

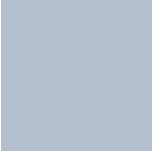
77, 7.616, 164.578

Protanopia

77, 3.906, 74.587

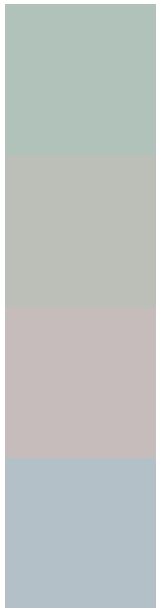
Deuteranopia

77, 9.663, 7.401



Tritanopia
77, 8.856, 265.027

Trichromacy



Original Color
77, 7.616, 164.578

Protanomaly
77, 3.917, 126.389

Deuteranomaly
77, 3.400, 28.566

Tritanomaly
77, 5.908, 238.802

Monochromacy



Original Color
77, 7.616, 164.578

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 2.749, 163.538

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 7.616, 164.578 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, 194, 186)` looks like.

```
.text, #text, p{  
    color:rgb(177, 194, 186)  
}
```

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, 194, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 194, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 7.616, 164.578 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, 194, 186) }
```

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

```
.border{ border-color:rgb(177, 194, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 194, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 194, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 194, 186);  
box-shadow:4px 4px 4px 4px rgb(177, 194,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 7.616, 164.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 194, 186) }
```

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

```
.background{ background-color: rgb(177,  
194, 186) }
```

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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