

Converting Colors

CIELCh(78, 1.213, 176.468)

Have a look what the booklet for
CIELCh(78, 1.213, 176.468) contains.

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Color

CIELCh(78, 1.563, 179.642)

Conversions

Conversions Part 1

Format	Color
Hex	BEC2C1
RGB	190, 194, 193
RGB Percent	75%, 76%, 76%
CMY	0.2560, 0.2403, 0.2442
CMYK	0.02, 0.00, 0.01, 0.24
HSL	165°, 3%, 75%
HSV	165°, 2%, 76%
XYZ	49.9934, 53.2120, 57.9284
YIQ	192.6900, -2.0630, -1.1590

Conversions

Conversions Part 2

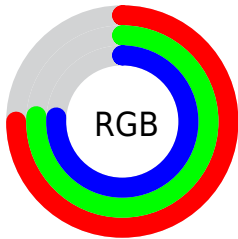
Format	Color
RYB	190, 192, 194
Decimal	12501697
CIELab	78.00, -1.56, 0.01
CIELCh	78, 1.563, 179.642
Yxy	53.2120, 0.3103, 0.3302
Android (android.graphics.Color)	4290691777 (0xFFBEC2C1)
YUV	192.6900, 0.1528, -2.3591
Hunter-Lab	72.9466, -5.3229, 3.9792

Details

The CIELCh color $78, 1.563, 179.642$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 1.584, 359.358$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 1.490, 179.764$, and $58, 1.164, 199.654$ is the 20% darker color. If you saturate the color by 10%, you get $76, 9.078, 178.423$, and if you desaturate by 10%, it is $80, 6.063, 0.081$.

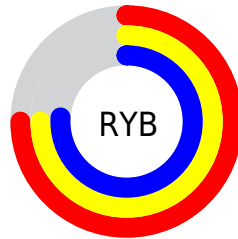
Distribution



Red (75%)

Green (76%)

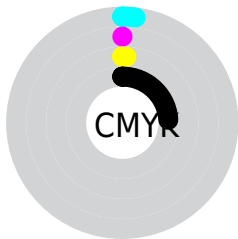
Blue (76%)



Red (75%)

Yellow (75%)

Blue (76%)

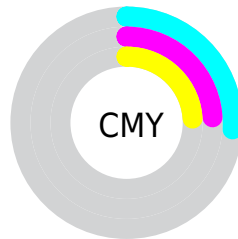


Cyan (2%)

Magenta (0%)

Yellow (1%)

Black (24%)



Cyan (26%)

Magenta (24%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 1.563, 179.642 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, 1.563, 179.642 by changing the saturation by 10% instead.

■ 78, 1.563, 179.642

■ 78, 1.563, 179.642

■ 100, 1.563,
179.642

■ 68, 1.563, 179.642

■ 98, 1.563, 179.642

■ 58, 1.563, 179.642

■ 48, 1.563, 179.642

■ 38, 1.563, 179.642

■ 28, 1.563, 179.642

■ 18, 1.563, 179.642

■ 8, 1.563, 179.642

■ 0, 1.563, 179.642

■ 78, 1.563, 179.642

■ 78, 1.563, 179.642

76, 9.078, 178.423

80, 6.063, 0.081

75, 16.379,
177.422

81, 13.726, 0.955

74, 23.354,
176.366

83, 21.359, 1.762

73, 29.878,
175.228

84, 24.618,
358.471

72, 35.827,
173.986

84, 25.544,
353.113

71, 41.086,
172.618

84, 26.690,
348.191

71, 45.570,
171.098

85, 28.030,
343.729

70, 49.239,
169.405

85, 29.536,
339.721

70, 52.119,
167.525

85, 31.182,
336.142

Harmonies

Complementary

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



78, 1.563, 179.642



77, 1.584, 359.358

Rectangle

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



78, 1.563, 179.642



78, 1.563, 229.642



78, 1.563, 359.642



78, 1.563, 49.642

Sweetspot

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



78, 1.565, 179.597



99, 0.937, 180.011



78, 2.401, 136.771



53, 0.537, 180.048



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, 1.565, 179.597



99, 1.878, 179.606



78, 1.224, 223.912



41, 0.859, 179.646



59, 46.798, 166.261



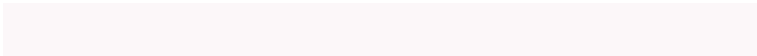
10, 14.986, 171.790

Inverse Universe

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



77, 1.584, 359.358



98, 1.901, 359.350



77, 1.233, 42.913



40, 0.869, 359.309



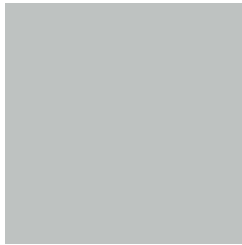
33, 63.447, 24.760



3, 14.438, 5.990

Previews

White Background



This preview shows how the CIELCh color 78, 1.563, 179.642 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, 1.563, 179.642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

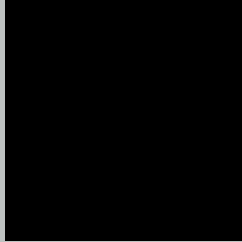
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

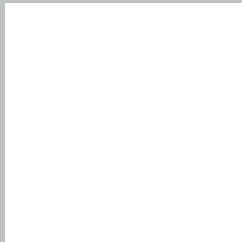
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 1.563, 179.642

Background



This preview shows how black text looks on a background with the CIELCh color 78, 1.563, 179.642.

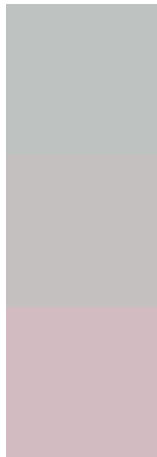


This preview shows how white text looks on a background with the CIELCh color 78, 1.563, 179.642.

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

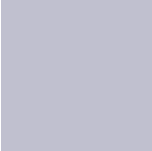
78, 1.563, 179.642

Protanopia

78, 1.479, 19.161

Deuteranopia

78, 9.716, 357.586



Tritanopia
78, 8.039, 290.917

Trichromacy



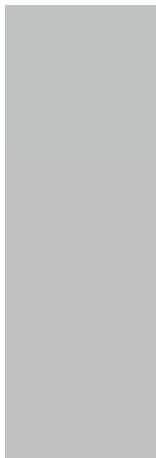
Original Color
78, 1.563, 179.642

Protanomaly
78, 0.638, 74.734

Deuteranomaly
78, 5.859, 352.677

Tritanomaly
78, 4.864, 282.123

Monochromacy



Original Color
78, 1.563, 179.642

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, 1.563, 179.642 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(190, 194, 193)` looks like.

```
.text, #text, p{  
    color:rgb(190, 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(190, 194, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 194, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 1.563, 179.642 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(190, 194, 193) }
```

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

```
.border{ border-color:rgb(190, 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(190, 194, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 194, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 194, 193);  
box-shadow:4px 4px 4px 4px rgb(190, 194,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 1.563, 179.642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 194, 193) }
```

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

```
.background{ background-color: rgb(190,  
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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