

Converting Colors

CIELCh(78, 0.366, 200.845)

Have a look what the booklet for
CIELCh(78, 0.366, 200.845) contains.

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Color

CIELCh(78, 0.366, 200.845)

Conversions

Conversions Part 1

Format	Color
Hex	C0C1C1
RGB	192, 193, 193
RGB Percent	75%, 76%, 76%
CMY	0.2470, 0.2430, 0.2430
CMYK	0.01, 0.00, 0.00, 0.24
HSL	180°, 1%, 76%
HSV	180°, 1%, 76%
XYZ	50.4484, 53.2120, 58.0786
YIQ	192.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

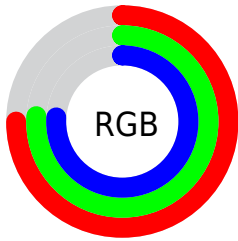
Format	Color
RYB	192, 193, 193
Decimal	12632513
CIELab	78.00, -0.34, -0.13
CIELCh	78, 0.366, 200.845
Yxy	53.2120, 0.3119, 0.3290
Android (android.graphics.Color)	4290822593 (0xFFC0C1C1)
YUV	192.7010, 0.1474, -0.6148
Hunter-Lab	72.9466, -4.2093, 3.8571

Details

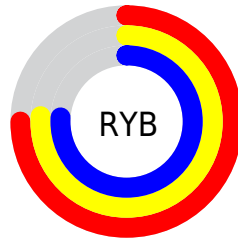
The CIELCh color $78, 0.366, 200.845$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 0.371, 17.720$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 0.349, 201.249$, and $58, 0.389, 200.459$ is the 20% darker color. If you saturate the color by 10%, you get $77, 7.285, 198.630$, and if you desaturate by 10%, it is $80, 6.845, 19.603$.

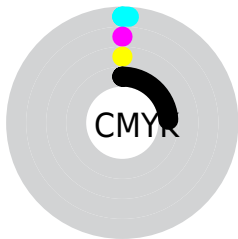
Distribution



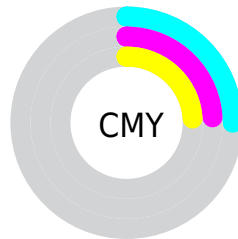
- Red (75%)
- Green (76%)
- Blue (76%)



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



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



- Cyan (25%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 0.366, 200.845 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, 0.366, 200.845 by changing the saturation by 10% instead.

■ 78, 0.366, 200.845

■ 78, 0.366, 200.845

100, 0.366,
200.845

■ 68, 0.366, 200.845

■ 98, 0.366, 200.845

■ 58, 0.366, 200.845

■ 48, 0.366, 200.845

■ 38, 0.366, 200.845

■ 28, 0.366, 200.845

■ 18, 0.366, 200.845

■ 8, 0.366, 200.845

■ 0, 0.366, 200.845

■ 78, 0.366, 200.845

■ 78, 0.366, 200.845

77, 7.285, 198.630

80, 6.845, 19.603

75, 13.806,
198.084

81, 14.261, 20.244

74, 19.821,
197.606

83, 21.807, 20.872

73, 25.215,
197.184

84, 23.798, 20.979

73, 29.882,
196.821

84, 23.792, 20.822

72, 33.737,
196.519

84, 23.789, 20.743

71, 36.725,
196.278

84, 23.783, 20.586

71, 38.835,
196.097

71, 40.112,
195.969

Harmonies

Complementary

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



78, 0.366, 200.845



78, 0.371, 17.720

Rectangle

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



78, 0.366, 200.845



78, 0.366, 250.845



78, 0.366, 20.845



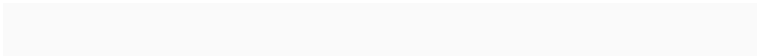
78, 0.366, 70.845

Sweetspot

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



78, 0.367, 200.567



98, 0.011, 296.813



78, 0.643, 144.356



52, 0.007, 296.813



99, 0.012, 296.813

Same Dimension

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



78, 0.367, 200.567



98, 0.872, 199.824



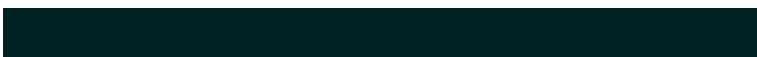
78, 0.326, 254.787



41, 0.402, 199.891



60, 35.557, 195.891



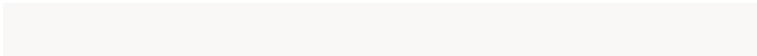
11, 12.465, 196.015

Inverse Universe

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



78, 0.371, 17.720



98, 0.880, 18.456



78, 0.313, 72.347



41, 0.406, 18.389



33, 73.597, 39.593



3, 14.000, 19.226

Previews

White Background



This preview shows how the CIELCh color 78, 0.366, 200.845 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, 0.366, 200.845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

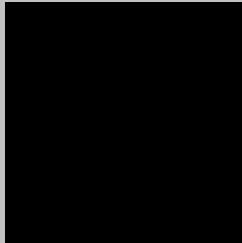
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

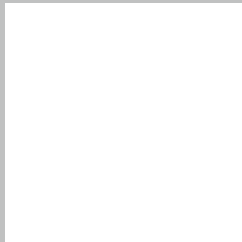
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 0.366, 200.845

Background



This preview shows how black text looks on a background with the CIELCh color 78, 0.366, 200.845.

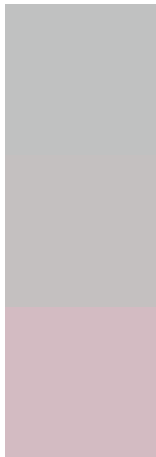


This preview shows how white text looks on a background with the CIELCh color 78, 0.366, 200.845.

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, 0.366, 200.845

Protanopia

78, 1.479, 19.161

Deuteranopia

78, 9.716, 357.586



Tritanopia
78, 8.132, 298.502

Trichromacy



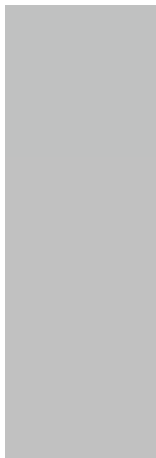
Original Color
78, 0.366, 200.845

Protanomaly
78, 1.109, 19.010

Deuteranomaly
78, 6.194, 354.298

Tritanomaly
78, 4.845, 294.908

Monochromacy



Original Color
78, 0.366, 200.845

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 0.009, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 0.366, 200.845 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(192, 193, 193)` looks like.

```
.text, #text, p{  
    color:rgb(192, 193, 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(192, 193, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 193, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 0.366, 200.845 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(192, 193, 193) }
```

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

```
.border{ border-color:rgb(192, 193, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 193, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 193, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 193, 193);  
box-shadow:4px 4px 4px 4px rgb(192, 193,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 0.366, 200.845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 193, 193) }
```

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

```
.background{ background-color: rgb(192,  
193, 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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