

Converting Colors

CIELCh(78, 15.712, 204.751)

Have a look what the booklet for
CIELCh(78, 15.712, 204.751)
contains.

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Color

CIElCh(78, 15.700, 204.200)

Conversions

Conversions Part 1

Format	Color
Hex	9BC9CC
RGB	155, 201, 204
RGB Percent	61%, 79%, 80%
CMY	0.3915, 0.2110, 0.1993
CMYK	0.24, 0.01, 0.00, 0.20
HSL	184°, 33%, 70%
HSV	184°, 24%, 80%
XYZ	45.4010, 53.2120, 65.1188
YIQ	187.5880, -28.3790, -8.8190

Conversions

Conversions Part 2

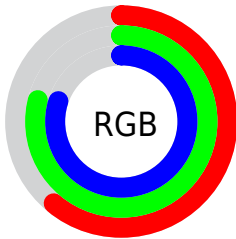
Format	Color
RYB	155, 179, 204
Decimal	10209740
CIELab	78.00, -14.32, -6.44
CIElCh	78, 15.700, 204.200
Yxy	53.2120, 0.2773, 0.3250
Android (android.graphics.Color)	4288399820 (0xFF9BC9CC)
YUV	187.5880, 8.0911, -28.5797
Hunter-Lab	72.9466, -16.5603, -1.8651

Details

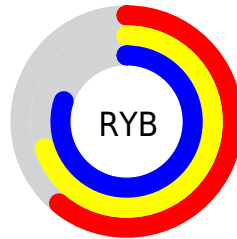
The CIELCh color **78, 15.700, 204.200** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 18.505, 26.079**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 14.999, 198.507**, and **58, 15.819, 204.220** is the 20% darker color. If you saturate the color by 10%, you get **77, 21.393, 204.046**, and if you desaturate by 10%, it is **80, 9.457, 204.447**.

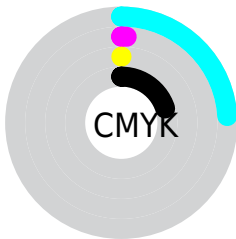
Distribution



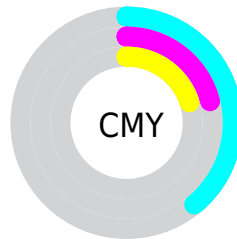
- Red (61%)
- Green (79%)
- Blue (80%)



- Red (61%)
- Yellow (70%)
- Blue (80%)



- Cyan (24%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (39%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 15.700, 204.200 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, 15.700, 204.200 by changing the saturation by 10% instead.

■ 78, 15.700,
204.200

■ 78, 15.700,
204.200

■ 100, 15.700,
204.200

■ 68, 15.700,
204.200

■ 98, 15.700,
204.200

■ 58, 15.700,
204.200

■ 48, 15.700,
204.200

■ 38, 15.700,
204.200

■ 28, 15.700,
204.200

■ 18, 15.700,
204.200

■ 8, 15.700, 204.200

0, 15.700, 204.200

78, 15.700,
204.200

78, 15.700,
204.200

77, 21.393,
204.046

80, 9.457, 204.447

75, 26.422,
204.012

81, 2.773, 204.892

83, 4.248, 24.913

74, 30.680,
204.109

85, 11.515, 25.399

73, 34.084,
204.358

87, 18.076, 26.035

88, 17.690, 28.201

72, 36.584,
204.780

88, 17.331, 30.460

72, 38.183,
205.396

88, 17.001, 32.811

■ 71, 38.944,
206.218

■ 88, 16.701, 35.251

■ 71, 39.136,
206.784

Harmonies

Complementary

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



78, 15.700, 204.200



69, 18.505, 26.079

Rectangle

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



78, 15.700, 204.200



78, 15.700, 254.200



78, 15.700, 24.200



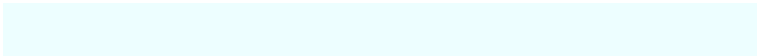
78, 15.700, 74.200

Sweetspot

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



78, 15.700, 204.195



98, 5.769, 204.704



78, 30.961, 144.198



52, 3.743, 204.676



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, 15.700, 204.195



94, 22.271, 204.102



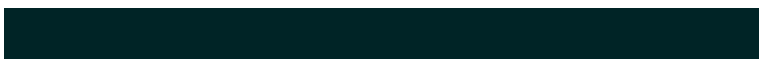
71, 16.262, 264.261



42, 3.877, 204.606



58, 33.551, 206.618



12, 12.672, 204.356

Inverse Universe

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



70, 30.751, 327.473



83, 44.450, 327.777



75, 17.006, 77.549



40, 7.230, 326.631



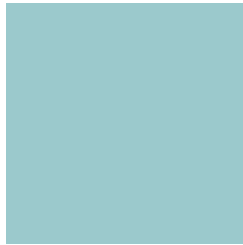
39, 79.821, 330.803



5, 27.648, 329.560

Previews

White Background



This preview shows how the CIELCh color 78, 15.700, 204.200 looks on a white background.

Color Contrast Check

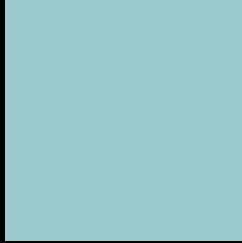
Large Text (above 18pt) WCAG AA × Fail

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 78, 15.700, 204.200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

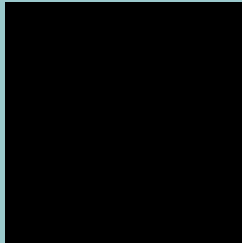
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

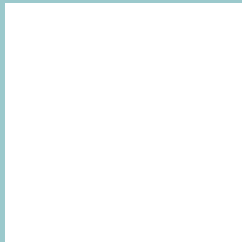
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 15.700, 204.200

Background



This preview shows how black text looks on a background with the CIELCh color 78, 15.700, 204.200.



This preview shows how white text looks on a background with the CIELCh color 78, 15.700, 204.200.

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, 15.700, 204.200

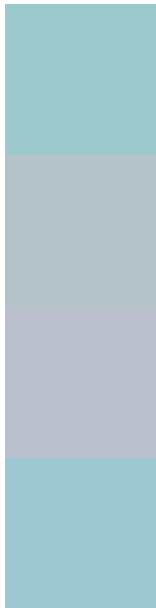
Protanopia
78, 3.929, 306.677

Deuteranopia
78, 12.421, 320.710



Tritanopia
78, 15.873, 231.446

Trichromacy



Original Color
78, 15.700, 204.200

Protanomaly
78, 5.931, 226.031

Deuteranomaly
78, 7.762, 274.970

Tritanomaly
78, 15.419, 221.049

Monochromacy



Original Color
78, 15.700, 204.200

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 6.123, 204.066

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 15.700, 204.200 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(155, 201, 204)` looks like.

```
.text, #text, p{  
    color:rgb(155, 201, 204)  
}
```

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(155, 201, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 201, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 15.700, 204.200 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(155, 201, 204) }
```

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

```
.border{ border-color:rgb(155, 201, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 201, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 201, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 201, 204);  
box-shadow:4px 4px 4px 4px rgb(155, 201,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 15.700, 204.200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 201, 204) }
```

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

```
.background{ background-color: rgb(155,  
201, 204) }
```

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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