

Converting Colors

CIELCh(79, 8.512, 189.366)

Have a look what the booklet for
CIELCh(79, 8.512, 189.366) contains.

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Color

CIELCh(79, 8.300, 191.421)

Conversions

Conversions Part 1

Format	Color
Hex	B1C8C6
RGB	177, 200, 198
RGB Percent	69%, 78%, 78%
CMY	0.3047, 0.2144, 0.2223
CMYK	0.11, 0.00, 0.01, 0.21
HSL	175°, 17%, 74%
HSV	175°, 11%, 79%
XYZ	49.1574, 54.9284, 61.6262
YIQ	192.8950, -13.0660, -5.4980

Conversions

Conversions Part 2

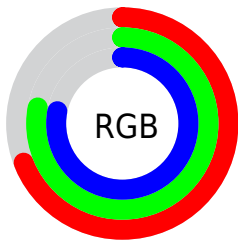
Format	Color
RYB	177, 189, 200
Decimal	11651270
CIELab	79.00, -8.14, -1.64
CIElCh	79, 8.300, 191.421
Yxy	54.9284, 0.2966, 0.3315
Android (android.graphics.Color)	4289841350 (0xFFB1C8C6)
YUV	192.8950, 2.5168, -13.9399
Hunter-Lab	74.1137, -11.3052, 2.5794

Details

The CIELCh color `79, 8.300, 191.421` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `74, 8.821, 13.093`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `98, 7.521, 199.018`, and `59, 8.365, 190.834` is the 20% darker color. If you saturate the color by 10%, you get `78, 15.160, 190.634`, and if you desaturate by 10%, it is `80, 1.092, 192.583`.

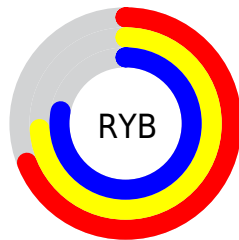
Distribution



Red (69%)

Green (78%)

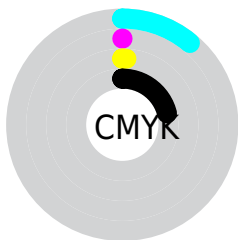
Blue (78%)



Red (69%)

Yellow (74%)

Blue (78%)

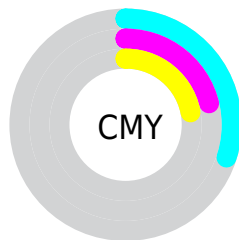


Cyan (11%)

Magenta (0%)

Yellow (1%)

Black (21%)



Cyan (30%)

Magenta (21%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 8.300, 191.421 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 79, 8.300, 191.421 by changing the saturation by 10% instead.

■ 79, 8.300, 191.421

■ 79, 8.300, 191.421

■ 100, 8.300,
191.421

■ 69, 8.300, 191.421

■ 99, 8.300, 191.421

■ 59, 8.300, 191.421

■ 49, 8.300, 191.421

■ 39, 8.300, 191.421

■ 29, 8.300, 191.421

■ 19, 8.300, 191.421

■ 9, 8.300, 191.421

■ 0, 8.300, 191.421

■ 79, 8.300, 191.421

■ 79, 8.300, 191.421

78, 15.160,
190.634

80, 1.092, 192.583

77, 21.553,
189.870

82, 6.362, 12.744

76, 27.357,
189.100

84, 13.972, 13.524

75, 32.454,
188.316

86, 20.730, 13.872

74, 36.745,
187.506

86, 20.793, 11.383

74, 40.162,
186.656

86, 20.897, 8.914

73, 42.684,
185.748

86, 21.042, 6.475

73, 44.353,
184.767

86, 21.227, 4.076

73, 45.271,

86, 21.450, 1.724

183.882

Harmonies

Complementary

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



79, 8.300, 191.421



74, 8.821, 13.093

Rectangle

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



79, 8.300, 191.421



79, 8.300, 241.421



79, 8.300, 11.421



79, 8.300, 61.421

Sweetspot

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



79, 8.301, 191.411



99, 2.678, 192.215



79, 14.556, 141.130



53, 2.028, 192.104



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 8.301, 191.411



97, 12.236, 191.196



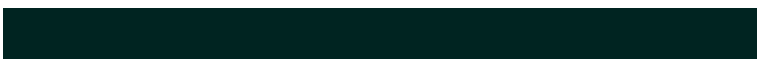
77, 6.883, 245.257



41, 4.092, 191.582



60, 38.828, 184.051



12, 13.769, 186.603

Inverse Universe

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



74, 8.821, 13.093



90, 13.199, 13.362



77, 7.210, 62.674



39, 4.300, 12.888



34, 71.205, 36.070



3, 15.951, 14.897

Previews

White Background



This preview shows how the CIELCh color 79, 8.300, 191.421 looks on a white background.

Color Contrast Check

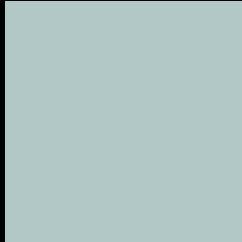
Large Text (above 18pt) WCAG AA × Fail

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 79, 8.300, 191.421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

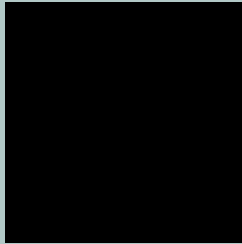
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

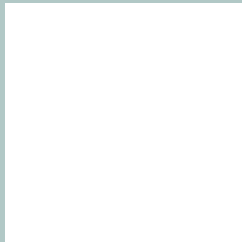
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 8.300, 191.421

Background



This preview shows how black text looks on a background with the CIELCh color 79, 8.300, 191.421.



This preview shows how white text looks on a background with the CIELCh color 79, 8.300, 191.421.

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

79, 8.300, 191.421

Protanopia

79, 1.927, 3.211

Deuteranopia

79, 10.654, 343.353



Tritanopia
79, 10.438, 254.333

Trichromacy



Original Color
79, 8.300, 191.421

Protanomaly
79, 1.822, 199.563

Deuteranomaly
79, 4.365, 320.602

Tritanomaly
79, 8.392, 234.072

Monochromacy



Original Color
79, 8.300, 191.421

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 3.323, 190.047

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 8.300, 191.421 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, 200, 198)` looks like.

```
.text, #text, p{  
    color:rgb(177, 200, 198)  
}
```

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, 200, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 200, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 8.300, 191.421 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, 200, 198) }
```

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

```
.border{ border-color:rgb(177, 200, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 200, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 200, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 200, 198);  
box-shadow:4px 4px 4px 4px rgb(177, 200,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 8.300, 191.421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 200, 198) }
```

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

```
.background{ background-color: rgb(177,  
200, 198) }
```

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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