

Converting Colors

CIELCh(79, 6.310, 149.657)

Have a look what the booklet for
CIELCh(79, 6.310, 149.657) contains.

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Color

CIELCh(79, 6.316, 149.604)

Conversions

Conversions Part 1

Format	Color
Hex	BBC6BD
RGB	187, 198, 189
RGB Percent	73%, 78%, 74%
CMY	0.2648, 0.2216, 0.2569
CMYK	0.06, 0.00, 0.05, 0.22
HSL	131°, 9%, 76%
HSV	131°, 6%, 78%
XYZ	50.1516, 54.9284, 56.3749
YIQ	193.6850, -3.6670, -5.1310

Conversions

Conversions Part 2

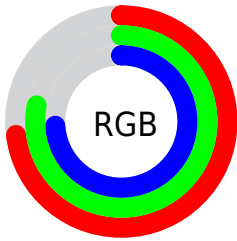
Format	Color
RYB	187, 196, 198
Decimal	12306109
CIELab	79.00, -5.45, 3.20
CIELCh	79, 6.316, 149.604
Yxy	54.9284, 0.3106, 0.3402
Android (android.graphics.Color)	4290496189 (0xFFBBC6BD)
YUV	193.6850, -2.3097, -5.8627
Hunter-Lab	74.1137, -8.9107, 6.7804

Details

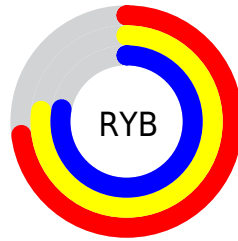
The CIELCh color `79, 6.316, 149.604` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `77, 6.339, 330.188`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 6.636, 149.153`, and `59, 6.016, 150.138` is the 20% darker color. If you saturate the color by 10%, you get `77, 17.819, 148.875`, and if you desaturate by 10%, it is `81, 5.045, 330.096`.

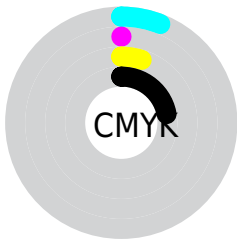
Distribution



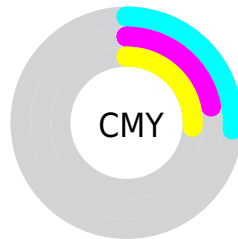
- Red (73%)
- Green (78%)
- Blue (74%)



- Red (73%)
- Yellow (77%)
- Blue (78%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)



- Cyan (26%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 6.316, 149.604 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, 6.316, 149.604 by changing the saturation by 10% instead.

■ 79, 6.316, 149.604

■ 79, 6.316, 149.604

■ 100, 6.316,
149.604

■ 69, 6.316, 149.604

■ 99, 6.316, 149.604

■ 59, 6.316, 149.604

■ 49, 6.316, 149.604

■ 39, 6.316, 149.604

■ 29, 6.316, 149.604

■ 19, 6.316, 149.604

■ 9, 6.316, 149.604

■ 0, 6.316, 149.604

■ 79, 6.316, 149.604

■ 79, 6.316, 149.604

77, 17.819,
148.875

81, 5.045, 330.096

76, 29.330,
148.058

83, 16.180,
330.658

74, 40.683,
147.114

85, 27.025,
331.119

73, 51.672,
146.024

87, 35.212,
325.925

72, 62.056,
144.778

87, 35.446,
325.657

71, 71.572,
143.378

71, 79.954,
141.851

70, 86.952,
140.259

70, 92.357,

138.706

Harmonies

Complementary

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



79, 6.316, 149.604



77, 6.339, 330.188

Rectangle

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



79, 6.316, 149.604



79, 6.316, 199.604



79, 6.316, 329.604



79, 6.316, 19.604

Sweetspot

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



79, 6.318, 149.603



100, 2.779, 149.908



80, 5.890, 116.312



53, 1.579, 149.921



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, 6.318, 149.603



98, 9.786, 149.490



79, 4.484, 173.295



41, 5.185, 149.461



58, 81.098, 138.343



11, 24.335, 146.913

Inverse Universe

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



77, 6.339, 330.188



96, 9.815, 330.293



77, 4.554, 354.098



40, 5.201, 330.320



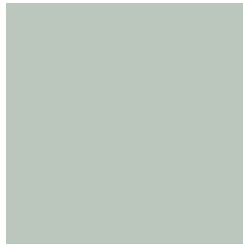
37, 71.934, 336.967



4, 22.814, 334.133

Previews

White Background



This preview shows how the CIELCh color 79, 6.316, 149.604 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, 6.316, 149.604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

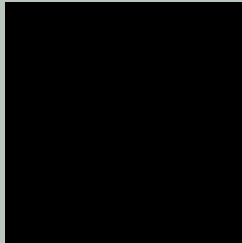
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

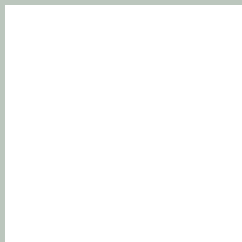
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 6.316, 149.604

Background



This preview shows how black text looks on a background with the CIELCh color 79, 6.316, 149.604.



This preview shows how white text looks on a background with the CIELCh color 79, 6.316, 149.604.

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

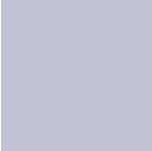
79, 6.316, 149.604

Protanopia

79, 4.797, 81.800

Deuteranopia

79, 10.229, 14.237



Tritanopia
79, 8.641, 281.553

Trichromacy



Original Color
79, 6.316, 149.604

Protanomaly
79, 4.253, 109.776

Deuteranomaly
79, 5.344, 31.185

Tritanomaly
79, 4.284, 260.372

Monochromacy



Original Color
79, 6.316, 149.604

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 2.600, 144.427

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 6.316, 149.604 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(187, 198, 189)` looks like.

```
.text, #text, p{  
    color:rgb(187, 198, 189)  
}
```

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(187, 198, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 198, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 6.316, 149.604 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(187, 198, 189) }
```

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

```
.border{ border-color:rgb(187, 198, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 198, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 198, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 198, 189); box-shadow:4px 4px 4px 4px rgb(187, 198, 189) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 6.316, 149.604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 198, 189) }
```

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

```
.background{ background-color: rgb(187,  
198, 189) }
```

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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