

Converting Colors

CIELCh(78, 3.458, 19.637)

Have a look what the booklet for
CIELCh(78, 3.458, 19.637) contains.

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Color

CIELCh(78, 3.346, 19.512)

Conversions

Conversions Part 1

Format	Color
Hex	C8BFBF
RGB	200, 191, 191
RGB Percent	78%, 75%, 75%
CMY	0.2163, 0.2515, 0.2515
CMYK	0.00, 0.05, 0.05, 0.22
HSL	0°, 8%, 77%
HSV	0°, 5%, 78%
XYZ	51.7667, 53.2120, 56.7485
YIQ	193.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

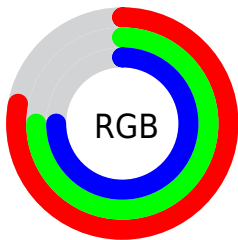
Format	Color
RYB	200, 191, 191
Decimal	13156287
CIELab	78.00, 3.15, 1.12
CIElCh	78, 3.346, 19.512
Yxy	53.2120, 0.3201, 0.3290
Android (android.graphics.Color)	4291346367 (0xFFC8BFBF)
YUV	193.6910, -1.3267, 5.5330
Hunter-Lab	72.9466, -0.9836, 4.9382

Details

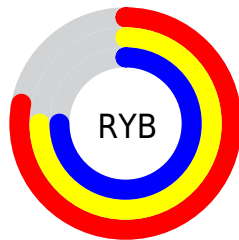
The CIELCh color **78, 3.346, 19.512** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 3.252, 199.359**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 2.827, 19.362**, and **58, 3.163, 19.592** is the 20% darker color. If you saturate the color by 10%, you get **72, 11.204, 20.366**, and if you desaturate by 10%, it is **84, 3.925, 199.297**.

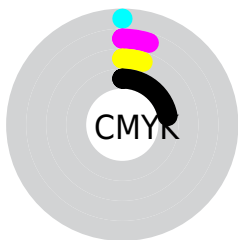
Distribution



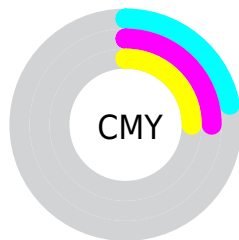
- Red (78%)
- Green (75%)
- Blue (75%)



- Red (78%)
- Yellow (75%)
- Blue (75%)



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




- Cyan (22%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 3.346, 19.512 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, 3.346, 19.512 by changing the saturation by 10% instead.

 78, 3.346, 19.512  78, 3.346, 19.512

 100, 3.346, 19.512  68, 3.346, 19.512

 98, 3.346, 19.512  58, 3.346, 19.512

 48, 3.346, 19.512

 38, 3.346, 19.512

 28, 3.346, 19.512

 18, 3.346, 19.512

 8, 3.346, 19.512

 0, 3.346, 19.512

 78, 3.346, 19.512  78, 3.346, 19.512

72, 11.204, 20.366

84, 3.925, 199.297

67, 19.680, 21.302

89, 10.650,
198.772

62, 28.757, 22.502

95, 16.888,
198.405

57, 38.359, 24.067

52, 48.320, 26.105

96, 18.146,
198.305

49, 58.380, 28.716

45, 68.172, 31.920

43, 77.131, 35.480

42, 84.056, 38.593

Harmonies

Complementary

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



78, 3.346, 19.512



80, 3.252, 199.359

Rectangle

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



78, 3.346, 19.512



78, 3.346, 69.512



78, 3.346, 199.512



78, 3.346, 249.512

Sweetspot

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



78, 3.345, 19.543



99, 0.894, 18.759



78, 5.868, 324.643



53, 0.508, 18.718



0, 0.000, 0.000



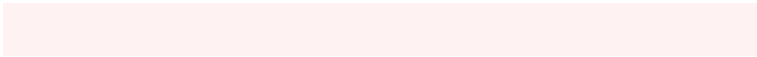
53, 0.007, 296.813

Same Dimension

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



78, 3.345, 19.543



97, 4.537, 19.598



79, 2.903, 74.752



40, 2.529, 19.648



34, 74.639, 39.781



3, 15.881, 19.425

Inverse Universe

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



80, 3.252, 199.359



99, 4.395, 199.310



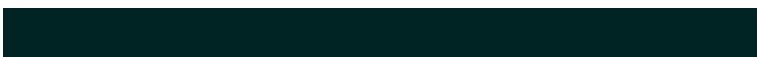
79, 2.885, 256.104



42, 2.442, 199.265



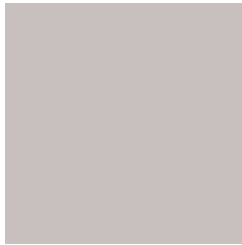
61, 35.869, 196.444



12, 12.978, 196.432

Previews

White Background



This preview shows how the CIELCh color 78, 3.346, 19.512 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, 3.346, 19.512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

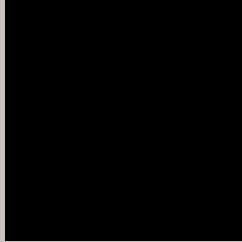
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

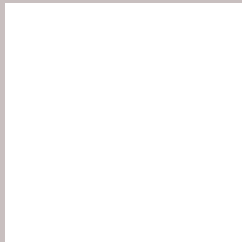
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 3.346, 19.512

Background



This preview shows how black text looks on a background with the CIELCh color 78, 3.346, 19.512.



This preview shows how white text looks on a background with the CIELCh color 78, 3.346, 19.512.

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, 3.346, 19.512

Protanopia

78, 1.567, 39.084

Deuteranopia

78, 9.750, 4.321



Tritanopia
78, 9.370, 321.084

Trichromacy



Original Color
78, 3.346, 19.512

Protanomaly
78, 1.922, 35.386

Deuteranomaly
78, 7.783, 4.084

Tritanomaly
78, 6.319, 330.185

Monochromacy



Original Color
78, 3.346, 19.512

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 1.107, 19.007

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 78, 3.346, 19.512 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(200, 191, 191)` looks like.

```
.text, #text, p{  
    color:rgb(200, 191, 191)  
}
```

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(200, 191, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 191, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 3.346, 19.512 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(200, 191, 191) }
```

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

```
.border{ border-color:rgb(200, 191, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 191, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 191, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 191, 191);  
box-shadow:4px 4px 4px 4px rgb(200, 191,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 3.346, 19.512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 191, 191) }
```

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

```
.background{ background-color: rgb(200,  
191, 191) }
```

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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