

Converting Colors

CIELCh(78, 3.454, 231.386)

Have a look what the booklet for
CIELCh(78, 3.454, 231.386) contains.

CIELCh(78, 3.566, 236.346)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 3.566, 236.346)

Conversions

Conversions Part 1

Format	Color
Hex	BAC2C6
RGB	186, 194, 198
RGB Percent	73%, 76%, 78%
CMY	0.2699, 0.2385, 0.2228
CMYK	0.06, 0.02, 0.00, 0.22
HSL	200°, 10%, 75%
HSV	200°, 6%, 78%
XYZ	49.8400, 53.2120, 61.1810
YIQ	192.0640, -6.0520, -0.4520

Conversions

Conversions Part 2

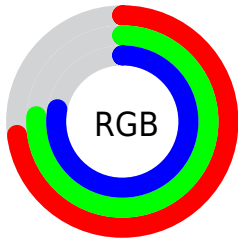
Format	Color
R_{YB}	186, 191, 198
Decimal	12239558
CIE _{Lab}	78.00, -1.98, -2.97
CIE _{LCh}	78, 3.566, 236.346
Yxy	53.2120, 0.3035, 0.3240
Android (android.graphics.Color)	4290429638 (0xFFBAC2C6)
YUV	192.0640, 2.9264, -5.3181
Hunter-Lab	72.9466, -5.6982, 1.3355

Details

The CIELCh color $78, 3.566, 236.346$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 3.666, 55.058$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 3.729, 242.696$, and $58, 3.476, 240.280$ is the 20% darker color. If you saturate the color by 10%, you get $75, 9.272, 237.247$, and if you desaturate by 10%, it is $81, 2.350, 55.155$.

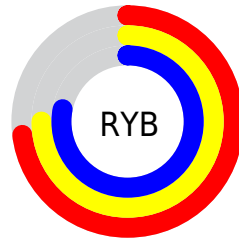
Distribution



Red (73%)

Green (76%)

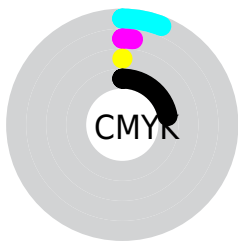
Blue (78%)



Red (73%)

Yellow (75%)

Blue (78%)

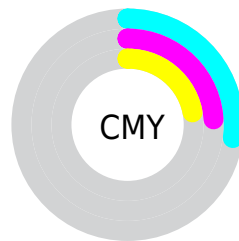


Cyan (6%)

Magenta (2%)

Yellow (0%)

Black (22%)



Cyan (27%)

Magenta (24%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 3.566, 236.346 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, 3.566, 236.346 by changing the saturation by 10% instead.

 78, 3.566, 236.346

 78, 3.566, 236.346

 100, 3.566,
236.346

 68, 3.566, 236.346

 98, 3.566, 236.346

 58, 3.566, 236.346

 48, 3.566, 236.346

 38, 3.566, 236.346

 28, 3.566, 236.346

 18, 3.566, 236.346

 8, 3.566, 236.346

 0, 3.566, 236.346

 78, 3.566, 236.346

 78, 3.566, 236.346

75, 9.272, 237.247

81, 2.350, 55.155

72, 14.710,
238.496

85, 8.425, 54.644

69, 19.821,
240.071

88, 14.616, 54.134

66, 24.542,
242.041

90, 17.606, 60.957

63, 28.826,
244.489

92, 18.392, 73.731

60, 32.649,
247.501

93, 20.004, 84.888

58, 36.028,
251.148

95, 22.254, 94.021

56, 39.042,
255.457

97, 24.956,
101.263

53, 41.836,
260.356

98, 27.969,
106.956

Harmonies

Complementary

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



78, 3.566, 236.346



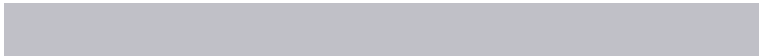
78, 3.666, 55.058

Rectangle

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



78, 3.566, 236.346



78, 3.566, 286.346



78, 3.566, 56.346



78, 3.566, 106.346

Sweetspot

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



78, 3.566, 236.314



99, 1.458, 236.229



79, 6.248, 154.601



53, 0.829, 236.241



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, 3.566, 236.314



97, 5.047, 236.390



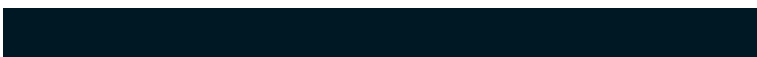
76, 5.322, 282.105



41, 2.671, 236.422



44, 36.885, 261.500



7, 11.665, 250.255

Inverse Universe

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



77, 6.205, 336.020



95, 8.808, 336.102



79, 5.269, 100.690



40, 4.667, 336.134



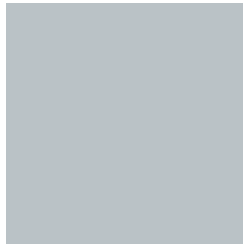
36, 64.900, 347.156



4, 20.009, 342.620

Previews

White Background



This preview shows how the CIELCh color 78, 3.566, 236.346 looks on a white background.

Color Contrast Check

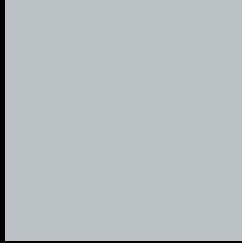
Large Text (above 18pt) WCAG AA × Fail

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, 3.566, 236.346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

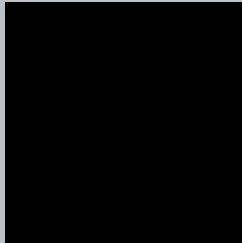
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

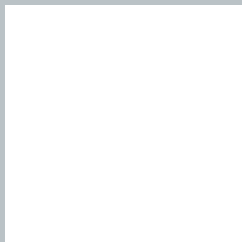
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 3.566, 236.346

Background



This preview shows how black text looks on a background with the CIELCh color 78, 3.566, 236.346.



This preview shows how white text looks on a background with the CIELCh color 78, 3.566, 236.346.

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, 3.566, 236.346

Protanopia

78, 2.914, 312.536

Deuteranopia

78, 10.435, 338.468



Tritanopia
78, 8.193, 278.446

Trichromacy



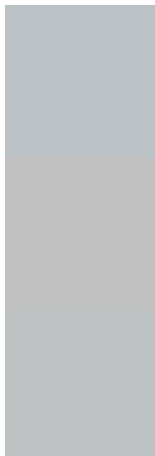
Original Color
78, 3.566, 236.346

Protanomaly
78, 2.173, 280.760

Deuteranomaly
78, 6.089, 327.512

Tritanomaly
78, 6.232, 270.651

Monochromacy



Original Color
78, 3.566, 236.346

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 1.216, 225.934

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 3.566, 236.346 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(186, 194, 198)` looks like.

```
.text, #text, p{  
    color:rgb(186, 194, 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(186, 194, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 194, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 3.566, 236.346 is called "border". The border property can be set on classes, ids or directly on the HTML element.

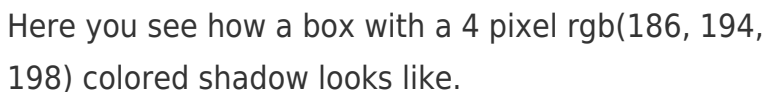
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 194, 198) }
```

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

```
.border{ border-color:rgb(186, 194, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 194, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 194, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 194, 198); box-shadow:4px 4px 4px 4px rgb(186, 194, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 3.566, 236.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 194, 198) }
```

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

```
.background{ background-color: rgb(186,  
194, 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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