

Converting Colors

CIELCh(78, 4.796, 263.716)

Have a look what the booklet for
CIELCh(78, 4.796, 263.716) contains.

CIELCh(78, 5.245, 266.446)	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, 5.245, 266.446)

Conversions

Conversions Part 1

Format	Color
Hex	BBC1CA
RGB	187, 193, 202
RGB Percent	73%, 76%, 79%
CMY	0.2651, 0.2416, 0.2063
CMYK	0.07, 0.04, 0.00, 0.21
HSL	216°, 12%, 76%
HSV	216°, 7%, 79%
XYZ	50.4548, 53.2120, 63.7365
YIQ	192.2320, -6.4650, 1.5270

Conversions

Conversions Part 2

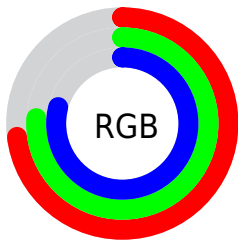
Format	Color
RYB	187, 191, 202
Decimal	12304842
CIELab	78.00, -0.33, -5.23
CIELCh	78, 5.245, 266.446
Yxy	53.2120, 0.3014, 0.3179
Android (android.graphics.Color)	4290494922 (0xFFBBC1CA)
YUV	192.2320, 4.8156, -4.5885
Hunter-Lab	72.9466, -4.1939, -0.7416

Details

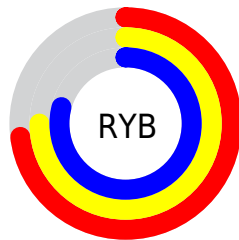
The CIELCh color $78, 5.245, 266.446$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 5.270, 84.417$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 3.674, 256.132$, and $58, 5.041, 264.015$ is the 20% darker color. If you saturate the color by 10%, you get $73, 12.349, 267.897$, and if you desaturate by 10%, it is $83, 1.810, 84.924$.

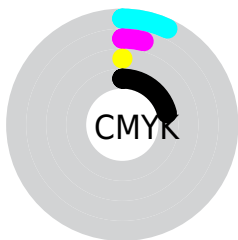
Distribution



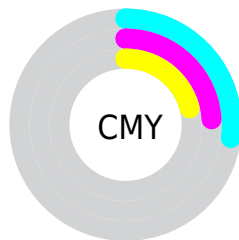
- Red (73%)
- Green (76%)
- Blue (79%)



- Red (73%)
- Yellow (75%)
- Blue (79%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)



- Cyan (27%)
- Magenta (24%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 5.245, 266.446 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, 5.245, 266.446 by changing the saturation by 10% instead.

 78, 5.245, 266.446

 78, 5.245, 266.446

 100, 5.245,
266.446

 68, 5.245, 266.446

 98, 5.245, 266.446

 58, 5.245, 266.446

 48, 5.245, 266.446

 38, 5.245, 266.446

 28, 5.245, 266.446

 18, 5.245, 266.446

 8, 5.245, 266.446

 0, 5.245, 266.446

 78, 5.245, 266.446

 78, 5.245, 266.446

73, 12.349,
267.897

83, 1.810, 84.924

69, 19.496,
269.648

87, 8.805, 83.944

64, 26.682,
271.711

92, 15.730, 82.997

60, 33.911,
274.132

96, 20.769, 94.865

55, 41.205,
276.952

99, 26.102,
107.448

51, 48.600,
280.189

99, 26.536,
108.163

47, 56.148,
283.811

43, 63.892,
287.717

39, 71.817,

291.702

Harmonies

Complementary

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



78, 5.245, 266.446



80, 5.270, 84.417

Rectangle

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



78, 5.245, 266.446



78, 5.245, 316.446



78, 5.245, 86.446



78, 5.245, 136.446

Sweetspot

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



78, 5.244, 266.428



99, 1.710, 265.859



80, 6.424, 167.819



53, 0.972, 265.856



0, 0.000, 0.000



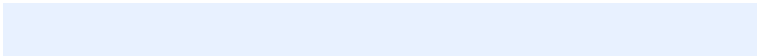
53, 0.007, 296.813

Same Dimension

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



78, 5.244, 266.428



95, 7.681, 266.658



77, 8.097, 294.103



41, 4.039, 266.696



31, 62.736, 292.063



4, 17.015, 278.517

Inverse Universe

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



77, 6.452, 349.999



94, 9.473, 350.172



81, 7.953, 112.838



40, 4.983, 350.200



35, 61.380, 11.185



4, 19.091, 359.523

Previews

White Background



This preview shows how the CIE LCh color 78, 5.245, 266.446 looks on a white background.

Color Contrast Check

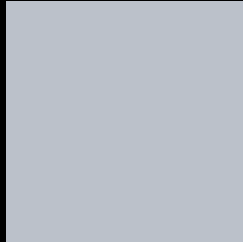
Large Text (above 18pt) WCAG AA × Fail

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, 5.245, 266.446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

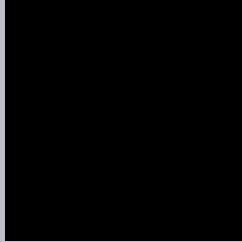
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

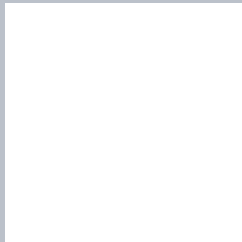
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 5.245, 266.446

Background



This preview shows how black text looks on a background with the CIELCh color 78, 5.245, 266.446.

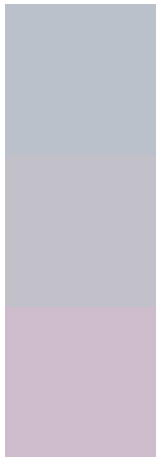


This preview shows how white text looks on a background with the CIELCh color 78, 5.245, 266.446.

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, 5.245, 266.446

Protanopia

78, 4.891, 299.138

Deuteranopia

78, 11.493, 327.939



Tritanopia
78, 8.193, 278.446

Trichromacy



Original Color
78, 5.245, 266.446

Protanomaly
78, 4.830, 286.353

Deuteranomaly
78, 8.382, 316.449

Tritanomaly
78, 7.155, 276.440

Monochromacy



Original Color
78, 5.245, 266.446

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 1.760, 265.900

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 5.245, 266.446 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, 193, 202)` looks like.

```
.text, #text, p{  
    color:rgb(187, 193, 202)  
}
```

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, 193, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 193, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 5.245, 266.446 is called "border". The border property can be set on classes, ids or directly on the HTML element.

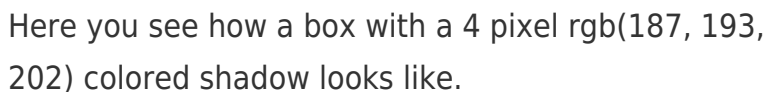
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 193, 202) }
```

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

```
.border{ border-color:rgb(187, 193, 202) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 193, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 193, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 193, 202); box-shadow:4px 4px 4px 4px rgb(187, 193, 202) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 5.245, 266.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 193, 202) }
```

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

```
.background{ background-color: rgb(187,  
193, 202) }
```

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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