

Converting Colors

CIELCh(78, 12.819, 264.978)

Have a look what the booklet for
CIELCh(78, 12.819, 264.978)
contains.

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Color

CIELCh(78, 12.864, 266.000)

Conversions

Conversions Part 1

Format	Color
Hex	B2C2D8
RGB	178, 194, 216
RGB Percent	70%, 76%, 85%
CMY	0.3007, 0.2379, 0.1516
CMYK	0.18, 0.10, 0.00, 0.15
HSL	215°, 33%, 77%
HSV	215°, 18%, 85%
XYZ	50.2411, 53.2120, 72.8202
YIQ	191.7240, -16.5980, 3.4500

Conversions

Conversions Part 2

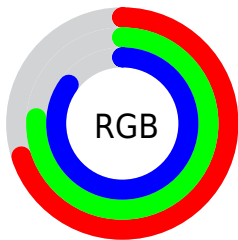
Format	Color
R_{YB}	178, 189, 216
Decimal	11715288
CIE _{Lab}	78.00, -0.90, -12.83
CIE _{LCh}	78, 12.864, 266.000
Yxy	53.2120, 0.2850, 0.3019
Android (android.graphics.Color)	4289905368 (0xFFB2C2D8)
YUV	191.7240, 11.9681, -12.0359
Hunter-Lab	72.9466, -4.7166, -8.1247

Details

The CIELCh color `78, 12.864, 266.000` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `81, 13.174, 81.180`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 5.996, 224.467`, and `58, 12.940, 267.142` is the 20% darker color. If you saturate the color by 10%, you get `73, 20.207, 267.768`, and if you desaturate by 10%, it is `83, 5.536, 264.510`.

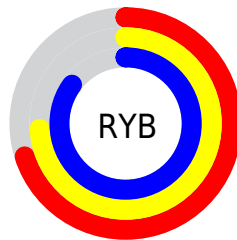
Distribution



Red (70%)

Green (76%)

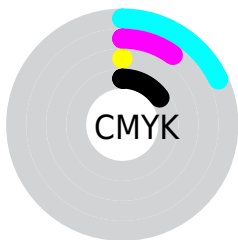
Blue (85%)



Red (70%)

Yellow (74%)

Blue (85%)

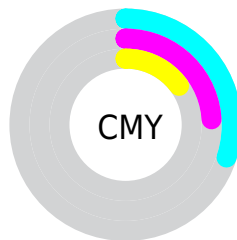


Cyan (18%)

Magenta (10%)

Yellow (0%)

Black (15%)



Cyan (30%)

Magenta (24%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 12.864, 266.000 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, 12.864, 266.000 by changing the saturation by 10% instead.

■ 78, 12.864,
266.000

■ 78, 12.864,
266.000

■ 100, 12.864,
266.000

■ 68, 12.864,
266.000

■ 98, 12.864,
266.000

■ 58, 12.864,
266.000

■ 48, 12.864,
266.000

■ 38, 12.864,
266.000

■ 28, 12.864,
266.000

■ 18, 12.864,
266.000

■ 8, 12.864, 266.000

0, 12.864, 266.000

78, 12.864,
266.000

78, 12.864,
266.000

73, 20.207,
267.768

83, 5.536, 264.510

68, 27.562,
269.863

88, 1.762, 82.971

64, 34.927,
272.330

92, 9.017, 82.004

59, 42.321,
275.211

96, 14.831, 93.767

99, 19.541,
108.699

55, 49.785,
278.525

51, 57.378,
282.246

■ 47, 65.160,
286.271

■ 43, 73.144,
290.392

■ 42, 75.118,
291.334

Harmonies

Complementary

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



78, 12.864, 266.000



81, 13.174, 81.180

Rectangle

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



78, 12.864, 266.000



78, 12.864, 316.000



78, 12.864, 86.000



78, 12.864, 136.000

Sweetspot

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



78, 12.863, 265.994



97, 4.179, 264.194



83, 16.214, 165.835



52, 2.851, 264.279



0, 0.000, 0.000



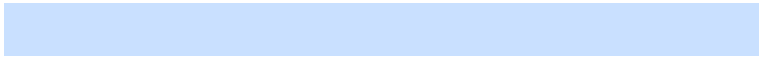
53, 0.007, 296.813

Same Dimension

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



78, 12.863, 265.994



88, 17.576, 266.603



74, 20.649, 294.521



43, 4.118, 264.761



33, 61.923, 290.634



6, 19.148, 279.315

Inverse Universe

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



76, 16.586, 349.758



86, 22.752, 350.150



85, 19.837, 111.284



42, 5.255, 348.926



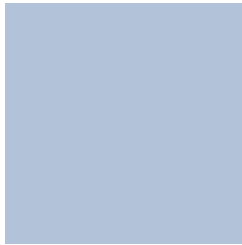
36, 62.616, 9.300



5, 22.866, 359.380

Previews

White Background



This preview shows how the CIELCh color 78, 12.864, 266.000 looks on a white background.

Color Contrast Check

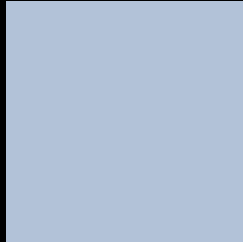
Large Text (above 18pt) WCAG AA × Fail

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, 12.864, 266.000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

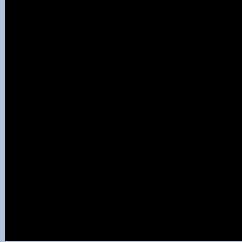
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 12.864, 266.000

Background



This preview shows how black text looks on a background with the CIELCh color 78, 12.864, 266.000.



This preview shows how white text looks on a background with the CIELCh color 78, 12.864, 266.000.

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, 12.864, 266.000

Protanopia

78, 12.331, 289.678

Deuteranopia

78, 16.702, 306.211



Tritanopia
78, 10.463, 254.365

Trichromacy



Original Color
78, 12.864, 266.000

Protanomaly
78, 12.457, 281.673

Deuteranomaly
78, 14.514, 294.245

Tritanomaly
78, 11.323, 257.798

Monochromacy



Original Color
78, 12.864, 266.000

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 4.764, 263.711

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 12.864, 266.000 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(178, 194, 216)` looks like.

```
.text, #text, p{  
    color:rgb(178, 194, 216)  
}
```

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(178, 194, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 194, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 12.864, 266.000 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(178, 194, 216) }
```

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

```
.border{ border-color:rgb(178, 194, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 194, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 194, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 194, 216); box-shadow:4px 4px 4px 4px rgb(178, 194, 216) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 12.864, 266.000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 194, 216) }
```

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

```
.background{ background-color: rgb(178,  
194, 216) }
```

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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