

Converting Colors

CIELCh(78, 11.534, 277.745)

Have a look what the booklet for
CIELCh(78, 11.534, 277.745)
contains.

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Color

CIELCh(78, 11.526, 277.236)

Conversions

Conversions Part 1

Format	Color
Hex	B9C1D6
RGB	185, 193, 214
RGB Percent	73%, 76%, 84%
CMY	0.2751, 0.2437, 0.1614
CMYK	0.14, 0.10, 0.00, 0.16
HSL	223°, 26%, 78%
HSV	223°, 14%, 84%
XYZ	51.1220, 53.2120, 71.0874
YIQ	193.0020, -11.5090, 4.8350

Conversions

Conversions Part 2

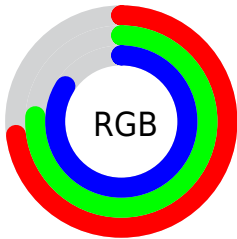
Format	Color
R _Y B	185, 191, 214
Decimal	12173782
CIE Lab	78.00, 1.45, -11.43
CIE LCh	78, 11.526, 277.236
Yxy	53.2120, 0.2914, 0.3033
Android (android.graphics.Color)	4290363862 (0xFFB9C1D6)
YUV	193.0020, 10.3520, -7.0178
Hunter-Lab	72.9466, -2.5610, -6.7163

Details

The CIELCh color `78, 11.526, 277.236` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `83, 11.453, 93.788`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 4.089, 248.068`, and `58, 11.113, 276.240` is the 20% darker color. If you saturate the color by 10%, you get `72, 20.245, 278.784`, and if you desaturate by 10%, it is `84, 2.999, 275.943`.

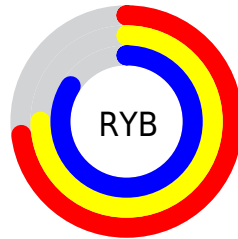
Distribution



Red (73%)

Green (76%)

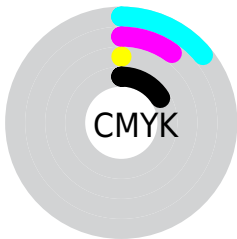
Blue (84%)



Red (73%)

Yellow (75%)

Blue (84%)

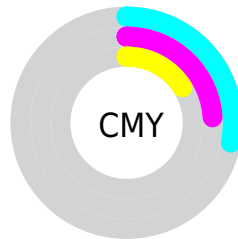


Cyan (14%)

Magenta (10%)

Yellow (0%)

Black (16%)



Cyan (28%)


Magenta (24%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 11.526, 277.236 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, 11.526, 277.236 by changing the saturation by 10% instead.


 78, 11.526,
277.236


 78, 11.526,
277.236


 100, 11.526,
277.236


 68, 11.526,
277.236


 98, 11.526,
277.236

 58, 11.526,
277.236

 48, 11.526,
277.236

 38, 11.526,
277.236

 28, 11.526,
277.236

 18, 11.526,
277.236

 8, 11.526, 277.236

0, 11.526, 277.236

78, 11.526,
277.236

78, 11.526,
277.236

72, 20.245,
278.784

84, 2.999, 275.943

89, 5.341, 94.679

67, 29.175,
280.606

95, 13.501, 93.704

61, 38.335,
282.736

99, 20.691,
108.382

56, 47.758,
285.204

99, 20.799,
108.603

50, 57.473,
288.022

45, 67.487,
291.153

■ 41, 77.717,
294.487

■ 36, 87.891,
297.826

■ 34, 94.187,
299.803

Harmonies

Complementary

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



78, 11.526, 277.236



83, 11.453, 93.788

Rectangle

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



78, 11.526, 277.236



78, 11.526, 327.236



78, 11.526, 97.236



78, 11.526, 147.236

Sweetspot

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



78, 11.525, 277.230



97, 3.888, 275.995



83, 11.245, 175.905



52, 2.764, 276.080



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, 11.525, 277.230



90, 15.730, 277.610



76, 15.816, 299.600



42, 4.810, 276.659



27, 78.463, 299.302



4, 22.382, 286.613

Inverse Universe

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



78, 11.679, 358.936



89, 15.983, 359.230



84, 15.372, 117.742



42, 4.852, 358.483



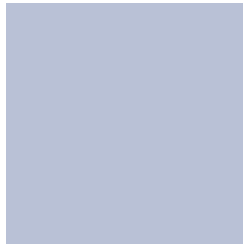
36, 65.607, 22.885



5, 22.207, 7.428

Previews

White Background



This preview shows how the CIELCh color 78, 11.526, 277.236 looks on a white background.

Color Contrast Check

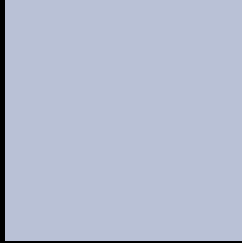
Large Text (above 18pt) WCAG AA × Fail

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, 11.526, 277.236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

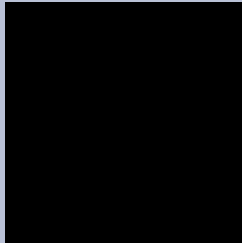
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

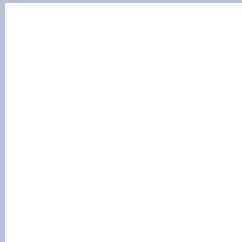
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 11.526, 277.236

Background



This preview shows how black text looks on a background with the CIELCh color 78, 11.526, 277.236.



This preview shows how white text looks on a background with the CIELCh color 78, 11.526, 277.236.

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

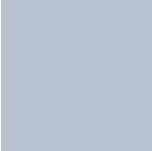
78, 11.526, 277.236

Protanopia

78, 11.796, 289.553

Deuteranopia

78, 15.262, 308.993



Tritanopia
78, 8.695, 267.080

Trichromacy



Original Color
78, 11.526, 277.236

Protanomaly
78, 11.312, 284.101

Deuteranomaly
78, 13.553, 298.836

Tritanomaly
78, 9.676, 269.818

Monochromacy



Original Color
78, 11.526, 277.236

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 4.405, 276.383

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 11.526, 277.236 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(185, 193, 214)` looks like.

```
.text, #text, p{  
    color:rgb(185, 193, 214)  
}
```

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(185, 193, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 193, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 11.526, 277.236 is called "border". The border property can be set on classes, ids or directly on the HTML element.

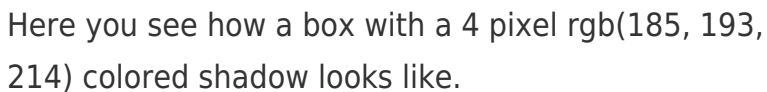
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 193, 214) }
```

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

```
.border{ border-color:rgb(185, 193, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 193, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 193, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 193, 214); box-shadow:4px 4px 4px 4px rgb(185, 193, 214) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 11.526, 277.236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 193, 214) }
```

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

```
.background{ background-color: rgb(185,  
193, 214) }
```

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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