

Converting Colors

CIELCh(80, 14.230, 264.435)

Have a look what the booklet for
CIELCh(80, 14.230, 264.435)
contains.

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Color

CIELCh(80, 14.149, 264.256)

Conversions

Conversions Part 1

Format	Color
Hex	B5C8E0
RGB	181, 200, 224
RGB Percent	71%, 78%, 88%
CMY	0.2892, 0.2146, 0.1205
CMYK	0.19, 0.11, 0.00, 0.12
HSL	213°, 41%, 80%
HSV	213°, 19%, 88%
XYZ	53.3227, 56.6813, 78.8414
YIQ	197.0550, -19.0280, 3.4360

Conversions

Conversions Part 2

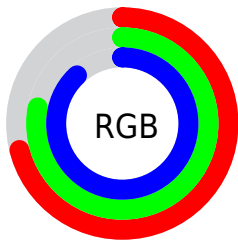
Format	Color
R _Y B	181, 194, 224
Decimal	11913440
CIE Lab	80.00, -1.42, -14.08
CIE LCh	80, 14.149, 264.256
Yxy	56.6813, 0.2824, 0.3001
Android (android.graphics.Color)	4290103520 (0xFFB5C8E0)
YUV	197.0550, 13.2839, -14.0802
Hunter-Lab	75.2870, -5.3280, -9.3883

Details

The CIELCh color `80, 14.149, 264.256` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `83, 14.616, 78.960`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 6.178, 199.121`, and `60, 14.258, 265.341` is the 20% darker color. If you saturate the color by 10%, you get `75, 21.509, 266.083`, and if you desaturate by 10%, it is `85, 6.773, 262.716`.

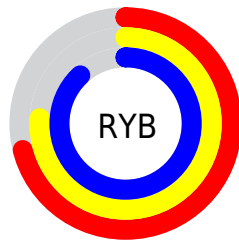
Distribution



Red (71%)

Green (78%)

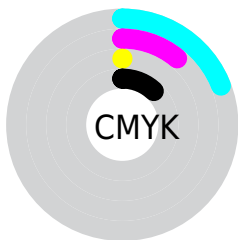
Blue (88%)



Red (71%)

Yellow (76%)

Blue (88%)

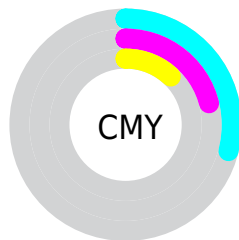


Cyan (19%)

Magenta (11%)

Yellow (0%)

Black (12%)



Cyan (29%)


Magenta (21%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 14.149, 264.256 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 80, 14.149, 264.256 by changing the saturation by 10% instead.


 80, 14.149,
264.256


 80, 14.149,
264.256


 100, 14.149,
264.256


 70, 14.149,
264.256


 60, 14.149,
264.256

 50, 14.149,
264.256

 40, 14.149,
264.256

 30, 14.149,
264.256

 20, 14.149,
264.256

 10, 14.149,

264.256

0, 14.149, 264.256

80, 14.149,
264.256

80, 14.149,
264.256

75, 21.509,
266.083

85, 6.773, 262.716

70, 28.847,
268.253

90, 0.598, 80.747

95, 7.948, 80.151

66, 36.159,
270.812

98, 13.331,
101.808

61, 43.465,
273.805

99, 15.547,
109.002

57, 50.809,
277.249

■ 53, 58.260,
281.111

■ 49, 65.889,
285.276

■ 45, 73.739,
289.495

■ 45, 74.397,
289.821

Harmonies

Complementary

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



80, 14.149, 264.256



83, 14.616, 78.960

Rectangle

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



80, 14.149, 264.256



80, 14.149, 314.256



80, 14.149, 84.256



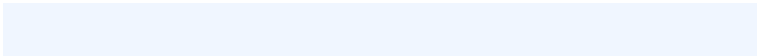
80, 14.149, 134.256

Sweetspot

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



80, 14.148, 264.251



97, 4.917, 262.304



86, 18.432, 164.714



51, 3.261, 262.386



0, 0.000, 0.000



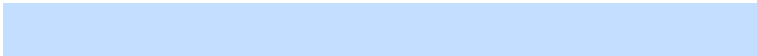
53, 0.007, 296.813

Same Dimension

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



80, 14.148, 264.251



88, 18.827, 264.944



75, 23.273, 294.114



45, 4.193, 262.753



35, 61.017, 289.101



7, 20.830, 279.968

Inverse Universe

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



78, 18.908, 348.672



85, 25.271, 349.103



88, 22.266, 110.437



44, 5.532, 347.690



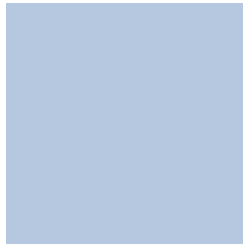
37, 63.919, 7.406



6, 25.939, 358.920

Previews

White Background



This preview shows how the CIELCh color 80, 14.149, 264.256 looks on a white background.

Color Contrast Check

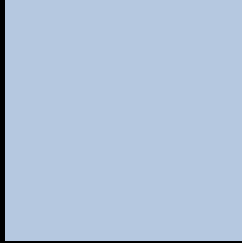
Large Text (above 18pt) WCAG AA × Fail

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 80, 14.149, 264.256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

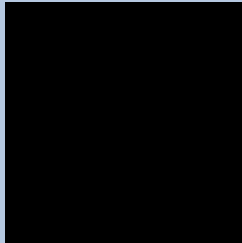
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 14.149, 264.256

Background



This preview shows how black text looks on a background with the CIELCh color 80, 14.149, 264.256.



This preview shows how white text looks on a background with the CIELCh color 80, 14.149, 264.256.

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

80, 14.149, 264.256

Protanopia

80, 13.333, 288.388

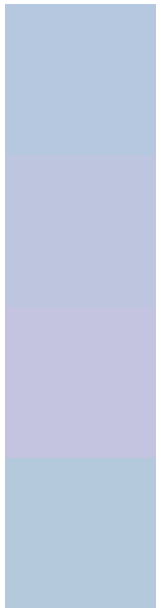
Deuteranopia

80, 18.093, 303.895



Tritanopia
80, 11.016, 249.997

Trichromacy



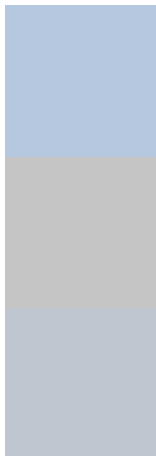
Original Color
80, 14.149, 264.256

Protanomaly
80, 13.542, 279.658

Deuteranomaly
80, 15.470, 291.554

Tritanomaly
80, 12.235, 255.200

Monochromacy



Original Color
80, 14.149, 264.256

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 5.369, 262.946

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 14.149, 264.256 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(181, 200, 224)` looks like.

```
.text, #text, p{  
    color:rgb(181, 200, 224)  
}
```

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(181, 200, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 200, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 14.149, 264.256 is called "border". The border property can be set on classes, ids or directly on the HTML element.

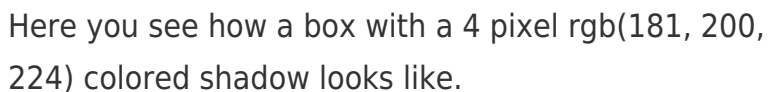
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 200, 224) }
```

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

```
.border{ border-color:rgb(181, 200, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 200, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 200, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 200, 224); box-shadow:4px 4px 4px 4px rgb(181, 200, 224) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 14.149, 264.256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 200, 224) }
```

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

```
.background{ background-color: rgb(181,  
200, 224) }
```

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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