

Converting Colors

CIELCh(78, 20.579, 285.773)

Have a look what the booklet for
CIELCh(78, 20.579, 285.773)
contains.

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Color

CIELCh(78, 20.446, 285.432)

Conversions

Conversions Part 1

Format	Color
Hex	B8BFE5
RGB	184, 191, 229
RGB Percent	72%, 75%, 90%
CMY	0.2778, 0.2503, 0.1013
CMYK	0.20, 0.17, 0.00, 0.10
HSL	231°, 47%, 81%
HSV	231°, 20%, 90%
XYZ	52.6413, 53.2120, 81.7509
YIQ	193.2390, -16.3700, 10.3340

Conversions

Conversions Part 2

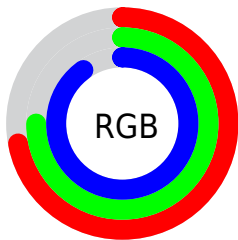
Format	Color
RYB	184, 190, 229
Decimal	12107749
CIELab	78.00, 5.44, -19.71
CIELCh	78, 20.446, 285.432
Yxy	53.2120, 0.2806, 0.2836
Android (android.graphics.Color)	4290297829 (0xFFB8BFE5)
YUV	193.2390, 17.6302, -8.1026
Hunter-Lab	72.9466, 1.1566, -15.3835

Details

The CIELCh color **78, 20.446, 285.432** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88, 19.874, 100.758**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 4.715, 259.792**, and **58, 20.026, 284.508** is the 20% darker color. If you saturate the color by 10%, you get **71, 31.382, 287.016**, and if you desaturate by 10%, it is **85, 9.875, 284.082**.

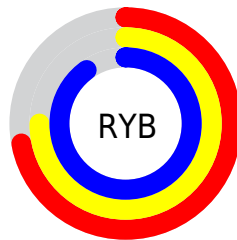
Distribution



Red (72%)

Green (75%)

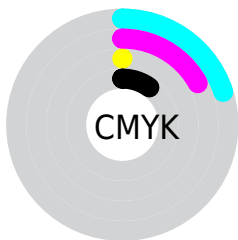
Blue (90%)



Red (72%)

Yellow (75%)

Blue (90%)

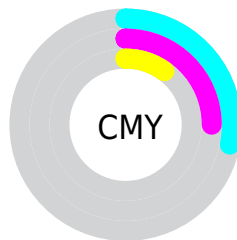


Cyan (20%)

Magenta (17%)

Yellow (0%)

Black (10%)



Cyan (28%)


Magenta (25%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 20.446, 285.432 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, 20.446, 285.432 by changing the saturation by 10% instead.


 78, 20.446,
285.432

 78, 20.446,
285.432


 100, 20.446,
285.432


 68, 20.446,
285.432


 98, 20.446,
285.432

 58, 20.446,
285.432

 48, 20.446,
285.432

 38, 20.446,
285.432

 28, 20.446,
285.432

 18, 20.446,
285.432

 8, 20.446, 285.432

■ 0, 20.446, 285.432

■ 78, 20.446,
285.432

■ 78, 20.446,
285.432

■ 71, 31.382,
287.016

■ 85, 9.875, 284.082

■ 65, 42.721,
288.874

■ 91, 0.355, 102.492

■ 58, 54.493,
291.029

■ 98, 10.270,
101.899

■ 52, 66.702,
293.485

■ 99, 13.070,
109.190

■ 46, 79.259,
296.191

■ 40, 91.845,
299.015

■ 35, 103.711,
301.718

■ 32, 113.626,
303.968

■ 32, 113.935,
304.033

Harmonies

Complementary

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



78, 20.446, 285.432



88, 19.874, 100.758

Rectangle

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



78, 20.446, 285.432



78, 20.446, 335.432



78, 20.446, 105.432



78, 20.446, 155.432

Sweetspot

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



78, 20.444, 285.430



96, 6.670, 283.652



88, 16.029, 184.132



51, 4.428, 283.728



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, 20.444, 285.430



83, 27.452, 286.113



77, 24.822, 304.229



45, 5.825, 284.059



24, 93.388, 303.686



4, 30.066, 293.510

Inverse Universe

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



79, 17.458, 8.619



84, 23.554, 9.180



89, 23.934, 121.969



45, 4.909, 7.487



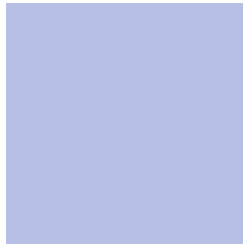
37, 73.133, 32.449



7, 26.719, 15.286

Previews

White Background



This preview shows how the CIELCh color 78, 20.446, 285.432 looks on a white background.

Color Contrast Check

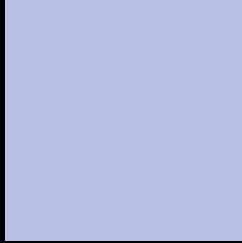
Large Text (above 18pt) WCAG AA × Fail

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, 20.446, 285.432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

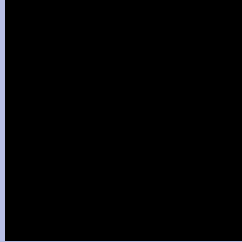
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 20.446, 285.432

Background



This preview shows how black text looks on a background with the CIELCh color 78, 20.446, 285.432.



This preview shows how white text looks on a background with the CIELCh color 78, 20.446, 285.432.

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, 20.446, 285.432

Protanopia

78, 20.418, 286.359

Deuteranopia

78, 22.643, 296.487



Tritanopia
78, 9.601, 262.747

Trichromacy



Original Color
78, 20.446, 285.432

Protanomaly
78, 20.418, 286.359

Deuteranomaly
78, 22.009, 293.038

Tritanomaly
78, 13.312, 274.835

Monochromacy



Original Color
78, 20.446, 285.432

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 7.526, 285.439

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 20.446, 285.432 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(184, 191, 229)` looks like.

```
.text, #text, p{  
    color:rgb(184, 191, 229)  
}
```

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(184, 191, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 191, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 20.446, 285.432 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(184, 191, 229) }
```

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

```
.border{ border-color:rgb(184, 191, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 191, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 191, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 191, 229);  
box-shadow:4px 4px 4px 4px rgb(184, 191,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 20.446, 285.432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 191, 229) }
```

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

```
.background{ background-color: rgb(184,  
191, 229) }
```

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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