

Converting Colors

CIELCh(80, 32.592, 292.602)

Have a look what the booklet for
CIELCh(80, 32.592, 292.602)
contains.

CIELCh(80, 32.550, 292.460)	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(80, 32.550, 292.460)

Conversions

Conversions Part 1

Format	Color
Hex	C0C1FE
RGB	192, 193, 254
RGB Percent	75%, 76%, 100%
CMY	0.2459, 0.2420, 0.0028
CMYK	0.24, 0.24, 0.00, 0.00
HSL	239°, 98%, 88%
HSV	239°, 24%, 100%
XYZ	58.8784, 56.6813, 101.8509
YIQ	199.6550, -20.1770, 18.7590

Conversions

Conversions Part 2

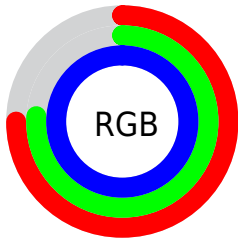
Format	Color
R _Y B	192, 193, 254
Decimal	12632574
CIE Lab	80.00, 12.44, -30.08
CIE LCh	80, 32.550, 292.460
Yxy	56.6813, 0.2708, 0.2607
Android (android.graphics.Color)	4290822654 (0xFFC0C1FE)
YUV	199.6550, 26.7921, -6.7134
Hunter-Lab	75.2870, 7.8441, -27.5087

Details

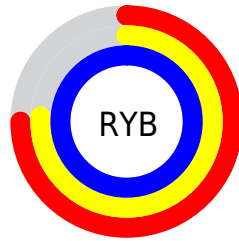
The CIELCh color `80, 32.550, 292.460` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 30.767, 107.120`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `98, 3.070, 290.433`, and `60, 32.218, 291.968` is the 20% darker color. If you saturate the color by 10%, you get `72, 46.883, 294.038`, and if you desaturate by 10%, it is `88, 18.810, 291.118`.

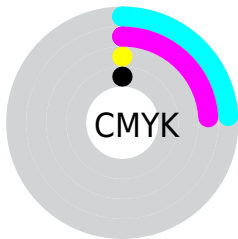
Distribution



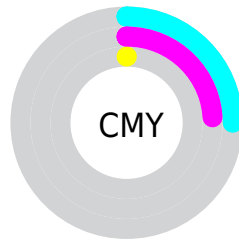
- Red (75%)
- Green (76%)
- Blue (100%)



- Red (75%)
- Yellow (76%)
- Blue (100%)



- Cyan (24%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (25%)
- Magenta (24%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 32.550, 292.460 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, 32.550, 292.460 by changing the saturation by 10% instead.


 80, 32.550,
292.460


 80, 32.550,
292.460


 100, 32.550,
292.460


 70, 32.550,
292.460

 60, 32.550,
292.460

 50, 32.550,
292.460

 40, 32.550,
292.460

 30, 32.550,
292.460

 20, 32.550,
292.460

 10, 32.550,

292.460

■ 0, 32.550, 292.460

■ 80, 32.550,
292.460

■ 80, 32.550,
292.460

■ 72, 46.883,
294.038

■ 88, 18.810,
291.118

■ 64, 61.834,
295.876

■ 96, 5.627, 289.992

■ 56, 77.336,
297.964

100, 0.346,
109.928

■ 49, 93.104,
300.231

■ 42, 108.354,
302.498

■ 37,121.480,
304.462

■ 33,130.262,
305.774

■ 32,132.905,
306.158

Harmonies

Complementary

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



80, 32.550, 292.460



98, 30.767, 107.120

Rectangle

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



80, 32.550, 292.460



80, 32.550, 342.460



80, 32.550, 112.460



80, 32.550, 162.460

Sweetspot

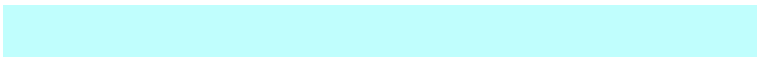
The Sweet Spot groups the original color and five complimentary colors.



80, 32.548, 292.459



94, 9.044, 290.266



96, 20.283, 196.655



50, 5.883, 290.331



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, 32.548, 292.459



76, 39.177, 293.158



82, 34.543, 309.682



49, 7.380, 290.542



23, 107.055, 306.102



4, 43.618, 301.497

Inverse Universe

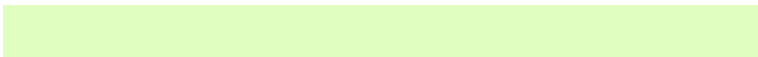
The Inverse Universe completely reimagines the original color for something new.



83, 23.799, 20.057



81, 28.855, 20.602



96, 33.347, 127.339



49, 5.252, 18.644



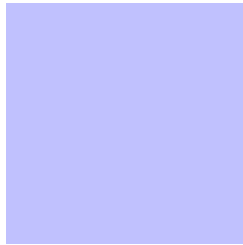
40, 83.502, 39.369



10, 33.234, 26.537

Previews

White Background



This preview shows how the CIELCh color 80, 32.550, 292.460 looks on a white background.

Color Contrast Check

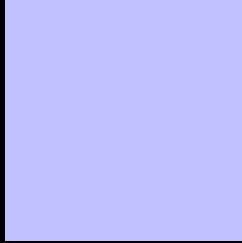
Large Text (above 18pt) WCAG AA × Fail

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, 32.550, 292.460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

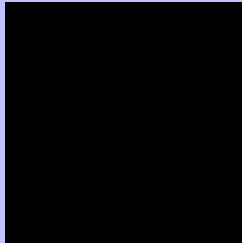
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 32.550, 292.460

Background



This preview shows how black text looks on a background with the CIELCh color 80, 32.550, 292.460.

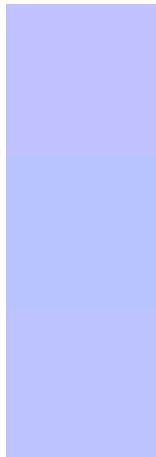


This preview shows how white text looks on a background with the CIELCh color 80, 32.550, 292.460.

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, 32.550, 292.460

Protanopia

80, 31.585, 285.477

Deuteranopia

80, 31.472, 288.869



Tritanopia
80, 9.875, 259.153

Trichromacy



Original Color
80, 32.550, 292.460

Protanomaly
80, 32.036, 287.876

Deuteranomaly
80, 31.997, 290.690

Tritanomaly
80, 17.298, 280.449

Monochromacy



Original Color
80, 32.550, 292.460

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 11.718, 289.515

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 32.550, 292.460 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(192, 193, 254)` looks like.

```
.text, #text, p{  
    color:rgb(192, 193, 254)  
}
```

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(192, 193, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 193, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 32.550, 292.460 is called "border". The border property can be set on classes, ids or directly on the HTML element.

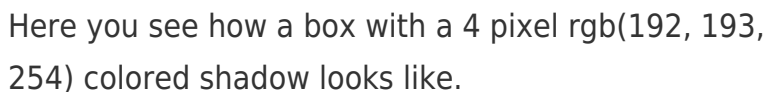
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 193, 254) }
```

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

```
.border{ border-color:rgb(192, 193, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 193, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 193, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 193, 254);  
box-shadow:4px 4px 4px 4px rgb(192, 193,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 32.550, 292.460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 193, 254) }
```

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

```
.background{ background-color: rgb(192,  
193, 254) }
```

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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