

Converting Colors

CIELCh(80, 26.177, 292.488)

Have a look what the booklet for
CIELCh(80, 26.177, 292.488)
contains.

CIELCh(80, 26.153, 292.478)	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, 26.153, 292.478)

Conversions

Conversions Part 1

Format	Color
Hex	C2C2F3
RGB	194, 194, 243
RGB Percent	76%, 76%, 95%
CMY	0.2382, 0.2382, 0.0460
CMYK	0.20, 0.20, 0.00, 0.05
HSL	240°, 68%, 86%
HSV	240°, 20%, 95%
XYZ	57.8745, 56.6813, 92.8875
YIQ	199.5860, -15.7290, 15.2390

Conversions

Conversions Part 2

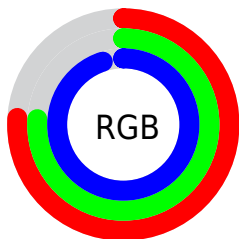
Format	Color
RYB	194, 194, 243
Decimal	12763891
CIELab	80.00, 10.00, -24.17
CIELCh	80, 26.153, 292.478
Yxy	56.6813, 0.2790, 0.2732
Android (android.graphics.Color)	4290953971 (0xFFC2C2F3)
YUV	199.5860, 21.4031, -4.8989
Hunter-Lab	75.2870, 5.4640, -20.4499

Details

The CIELCh color `80, 26.153, 292.478` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `95, 24.951, 108.216`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `98, 2.586, 298.122`, and `60, 26.604, 293.114` is the 20% darker color. If you saturate the color by 10%, you get `72, 39.974, 293.933`, and if you desaturate by 10%, it is `88, 12.905, 291.244`.

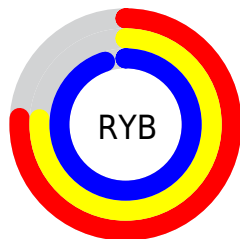
Distribution



Red (76%)

Green (76%)

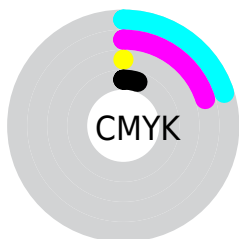
Blue (95%)



Red (76%)

Yellow (76%)

Blue (95%)

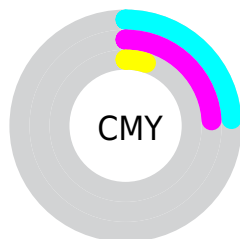


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (5%)



Cyan (24%)


Magenta (24%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 26.153, 292.478 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, 26.153, 292.478 by changing the saturation by 10% instead.


 80, 26.153,
292.478


 80, 26.153,
292.478


 100, 26.153,
292.478


 70, 26.153,
292.478

 60, 26.153,
292.478

 50, 26.153,
292.478

 40, 26.153,
292.478

 30, 26.153,
292.478

 20, 26.153,
292.478

 10, 26.153,

292.478

0, 26.153, 292.478

80, 26.153,
292.478

80, 26.153,
292.478

72, 39.974,
293.933

88, 12.905,
291.244

64, 54.400,
295.637

96, 0.194, 290.577

56, 69.405,
297.594

100, 5.942,
109.721

49, 84.798,
299.757

42, 100.007,
301.991

■ 36, 113.734,
304.033

■ 33, 123.882,
305.527

■ 31, 129.122,
306.287

Harmonies

Complementary

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



80, 26.153, 292.478



95, 24.951, 108.216

Rectangle

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



80, 26.153, 292.478



80, 26.153, 342.478



80, 26.153, 112.478



80, 26.153, 162.478

Sweetspot

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



80, 26.151, 292.477



95, 7.867, 290.795



93, 16.354, 198.381



50, 5.224, 290.864



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, 26.151, 292.477



80, 32.635, 293.018



82, 27.453, 310.018



47, 7.256, 291.170



22, 105.633, 306.287



3, 39.905, 299.770

Inverse Universe

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



84, 31.010, 325.543



85, 38.381, 325.758



93, 26.702, 128.146



48, 8.758, 324.945



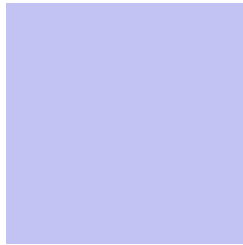
44, 91.226, 328.234



11, 40.560, 328.233

Previews

White Background



This preview shows how the CIELCh color 80, 26.153, 292.478 looks on a white background.

Color Contrast Check

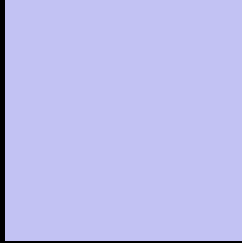
Large Text (above 18pt) WCAG AA × Fail

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, 26.153, 292.478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

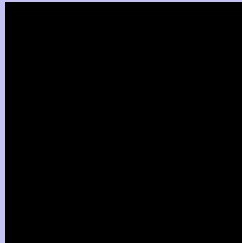
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 26.153, 292.478

Background



This preview shows how black text looks on a background with the CIELCh color 80, 26.153, 292.478.



This preview shows how white text looks on a background with the CIELCh color 80, 26.153, 292.478.

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, 26.153, 292.478

Protanopia

80, 26.210, 286.074

Deuteranopia

80, 26.160, 293.197



Tritanopia
80, 9.141, 268.480

Trichromacy



Original Color
80, 26.153, 292.478

Protanomaly
80, 26.150, 288.897

Deuteranomaly
80, 26.160, 293.197

Tritanomaly
80, 15.026, 283.653

Monochromacy



Original Color
80, 26.153, 292.478

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 9.590, 291.035

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 26.153, 292.478 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(194, 194, 243)` looks like.

```
.text, #text, p{  
    color:rgb(194, 194, 243)  
}
```

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(194, 194, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 194, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 26.153, 292.478 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(194, 194, 243) }
```

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

```
.border{ border-color:rgb(194, 194, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 194, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 194, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 194, 243);  
box-shadow:4px 4px 4px 4px rgb(194, 194,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 26.153, 292.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 194, 243) }
```

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

```
.background{ background-color: rgb(194,  
194, 243) }
```

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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