

Converting Colors

CIELCh(78, 30.144, 295.357)

Have a look what the booklet for
CIELCh(78, 30.144, 295.357)
contains.

CIELCh(78, 30.115, 295.346)	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(78, 30.115, 295.346)

Conversions

Conversions Part 1

Format	Color
Hex	BFBBF3
RGB	191, 187, 243
RGB Percent	75%, 73%, 95%
CMY	0.2502, 0.2659, 0.0462
CMYK	0.21, 0.23, 0.00, 0.05
HSL	244°, 70%, 84%
HSV	244°, 23%, 95%
XYZ	55.5594, 53.2120, 92.3037
YIQ	194.5800, -15.5920, 18.2640

Conversions

Conversions Part 2

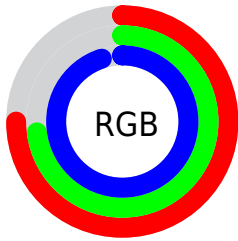
Format	Color
RYB	191, 187, 243
Decimal	12565491
CIELab	78.00, 12.89, -27.22
CIELCh	78, 30.115, 295.346
Yxy	53.2120, 0.2763, 0.2646
Android (android.graphics.Color)	4290755571 (0xFFBFBBF3)
YUV	194.5800, 23.8711, -3.1397
Hunter-Lab	72.9466, 8.2971, -23.9607

Details

The CIELCh color `78, 30.115, 295.346` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `94, 28.530, 111.000`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `97, 6.417, 306.317`, and `58, 30.230, 295.463` is the 20% darker color. If you saturate the color by 10%, you get `70, 44.104, 296.662`, and if you desaturate by 10%, it is `86, 16.692, 294.217`.

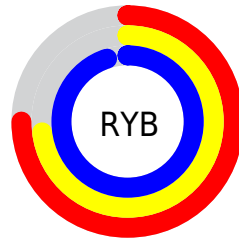
Distribution



Red (75%)

Green (73%)

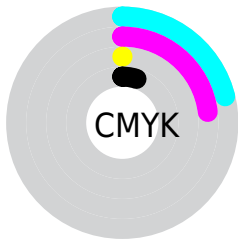
Blue (95%)



Red (75%)

Yellow (73%)

Blue (95%)

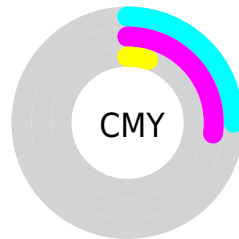


Cyan (21%)

Magenta (23%)

Yellow (0%)

Black (5%)



Cyan (25%)


Magenta (27%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 30.115, 295.346 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, 30.115, 295.346 by changing the saturation by 10% instead.


 78, 30.115,
295.346


 78, 30.115,
295.346


 100, 30.115,
295.346


 68, 30.115,
295.346


 98, 30.115,
295.346


 58, 30.115,
295.346

 48, 30.115,
295.346

 38, 30.115,
295.346

 28, 30.115,
295.346

 18, 30.115,
295.346

 8, 30.115, 295.346

■ 0, 30.115, 295.346

■ 78, 30.115,
295.346

■ 78, 30.115,
295.346

■ 70, 44.104,
296.662

■ 86, 16.692,
294.217

■ 62, 58.666,
298.180

■ 94, 3.811, 293.263

■ 55, 73.718,
299.889

■ 100, 5.966,
109.719

■ 48, 88.971,
301.728

■ 41, 103.708,
303.553

■ 36, 116.497,
305.115

■ 32, 125.314,
306.105

■ 31, 128.759,
306.451

Harmonies

Complementary

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



78, 30.115, 295.346



94, 28.530, 111.000

Rectangle

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



78, 30.115, 295.346



78, 30.115, 345.346



78, 30.115, 115.346



78, 30.115, 165.346

Sweetspot

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



78, 30.113, 295.345



94, 9.212, 293.622



91, 17.319, 204.783



50, 5.992, 293.679



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, 30.113, 295.345



77, 38.449, 295.984



80, 31.883, 312.393



47, 7.269, 293.859



22, 105.266, 306.501



3, 40.112, 301.418

Inverse Universe

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



82, 33.771, 327.738



83, 42.633, 328.030



92, 31.034, 130.328



48, 8.341, 326.943



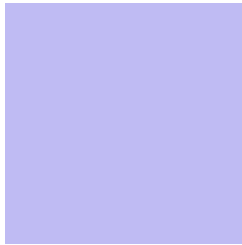
43, 86.252, 331.299



10, 38.634, 330.865

Previews

White Background



This preview shows how the CIELCh color 78, 30.115, 295.346 looks on a white background.

Color Contrast Check

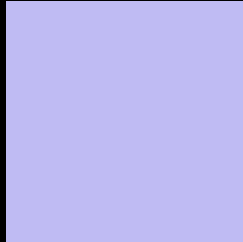
Large Text (above 18pt) WCAG AA × Fail

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, 30.115, 295.346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

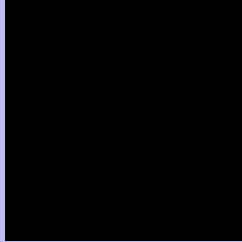
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 30.115, 295.346

Background



This preview shows how black text looks on a background with the CIELCh color 78, 30.115, 295.346.

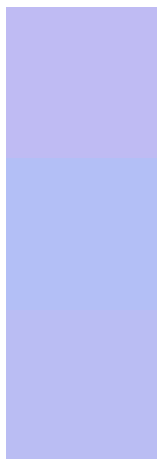


This preview shows how white text looks on a background with the CIELCh color 78, 30.115, 295.346.

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

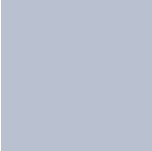
78, 30.115, 295.346

Protanopia

78, 29.593, 285.377

Deuteranopia

78, 28.947, 290.840



Tritanopia
78, 8.965, 272.673

Trichromacy



Original Color
78, 30.115, 295.346

Protanomaly
78, 29.496, 288.433

Deuteranomaly
78, 29.508, 292.816

Tritanomaly
78, 16.113, 286.756

Monochromacy



Original Color
78, 30.115, 295.346

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 11.282, 294.781

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 30.115, 295.346 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(191, 187, 243)` looks like.

```
.text, #text, p{  
    color:rgb(191, 187, 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(191, 187, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 187, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 30.115, 295.346 is called "border". The border property can be set on classes, ids or directly on the HTML element.

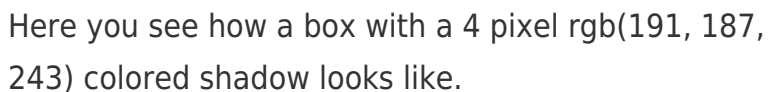
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 187, 243) }
```

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

```
.border{ border-color:rgb(191, 187, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 187, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 187, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 187, 243); box-shadow:4px 4px 4px 4px rgb(191, 187, 243) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 30.115, 295.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 187, 243) }
```

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

```
.background{ background-color: rgb(191,  
187, 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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