

Converting Colors

CIELCh(92, 11.600, 310.581)

Have a look what the booklet for
CIELCh(92, 11.600, 310.581)
contains.

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Color

CIELCh(92, 11.579, 310.254)

Conversions

Conversions Part 1

Format	Color
Hex	EFE4F9
RGB	239, 228, 249
RGB Percent	94%, 89%, 98%
CMY	0.0626, 0.1057, 0.0234
CMYK	0.04, 0.08, 0.00, 0.02
HSL	271°, 64%, 94%
HSV	271°, 8%, 98%
XYZ	80.4655, 80.7044, 100.9873
YIQ	233.6830, -0.1850, 8.8630

Conversions

Conversions Part 2

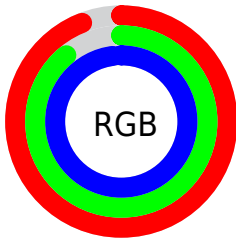
Format	Color
R_{YB}	239, 228, 249
Decimal	15721721
CIE _{Lab}	92.00, 7.48, -8.84
CIE _{LCh}	92, 11.579, 310.254
Yxy	80.7044, 0.3069, 0.3078
Android (android.graphics.Color)	4293911801 (0xFFEFE4F9)
YUV	233.6830, 7.5513, 4.6630
Hunter-Lab	89.8356, 2.6696, -3.7650

Details

The CIELCh color **92, 11.579, 310.254** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 11.438, 129.538**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 11.540, 309.521** is the 20% darker color. If you saturate the color by 10%, you get **85, 25.653, 310.734**, and if you desaturate by 10%, it is **99, 2.109, 129.899**.

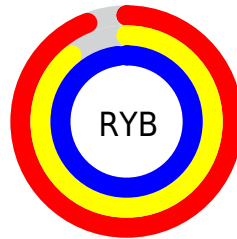
Distribution



Red (94%)

Green (89%)

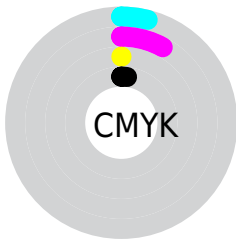
Blue (98%)



Red (94%)

Yellow (89%)

Blue (98%)

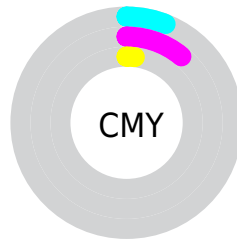


Cyan (4%)

Magenta (8%)

Yellow (0%)

Black (2%)



Cyan (6%)


Magenta (11%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 11.579, 310.254 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 92, 11.579, 310.254 by changing the saturation by 10% instead.


 92, 11.579,
310.254


 92, 11.579,
310.254


 100, 11.579,
310.254


 82, 11.579,
310.254


 72, 11.579,
310.254

 62, 11.579,
310.254

 52, 11.579,
310.254

 42, 11.579,
310.254

 32, 11.579,
310.254

 22, 11.579,

310.254

■ 12, 11.579,
310.254

■ 2, 11.579, 310.254

■ 92, 11.579,
310.254

■ 92, 11.579,
310.254

■ 85, 25.653,
310.734

■ 99, 2.109, 129.899

■ 78, 40.061,
311.244

■ 100, 3.013,
109.927

■ 71, 54.677,
311.770

■ 65, 69.277,
312.283

■ 58, 83.477,
312.741

■ 53, 96.669,
313.074

■ 48, 108.001,
313.187

■ 44, 116.485,
312.970

■ 41, 121.528,
312.349

Harmonies

Complementary

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



92, 11.579, 310.254



97, 11.438, 129.538

Rectangle

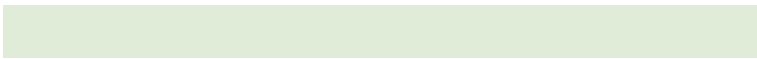
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 11.579, 310.254



92, 11.579, 0.254



92, 11.579, 130.254



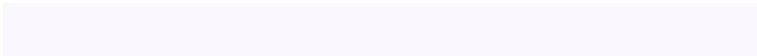
92, 11.579, 180.254

Sweetspot

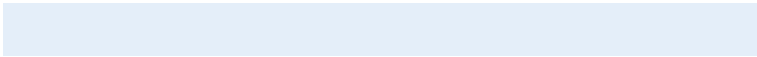
The Sweet Spot groups the original color and five complimentary colors.



92, 11.577, 310.251



98, 4.173, 309.986



94, 6.529, 258.376



52, 3.165, 310.029



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 11.577, 310.251



93, 14.027, 310.326



93, 13.019, 325.332



48, 7.839, 310.302



30, 99.014, 312.434



6, 43.258, 313.374

Inverse Universe

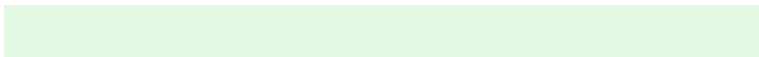
The Inverse Universe completely reimagines the original color for something new.



93, 9.127, 345.619



93, 11.058, 345.770



96, 12.997, 144.411



49, 6.180, 345.721



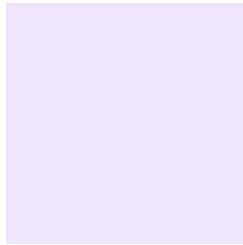
40, 67.384, 4.344



10, 30.862, 358.108

Previews

White Background



This preview shows how the CIELCh color 92, 11.579, 310.254 looks on a white background.

Color Contrast Check

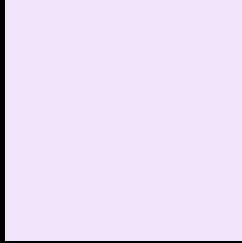
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 92, 11.579, 310.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

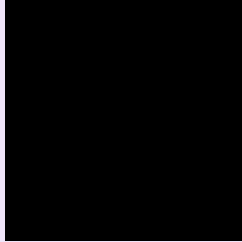
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

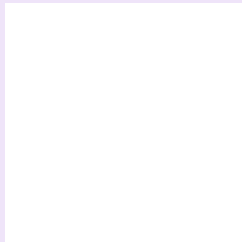
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 11.579, 310.254

Background



This preview shows how black text looks on a background with the CIELCh color 92, 11.579, 310.254.

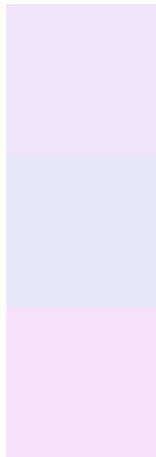


This preview shows how white text looks on a background with the CIELCh color 92, 11.579, 310.254.

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

92, 11.579, 310.254

Protanopia

92, 10.352, 291.003

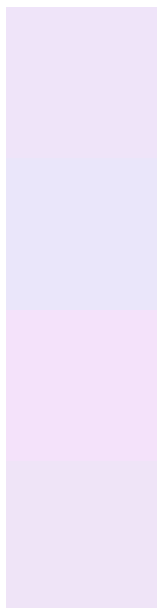
Deuteranopia

92, 15.120, 321.609



Tritanopia
92, 10.132, 313.141

Trichromacy



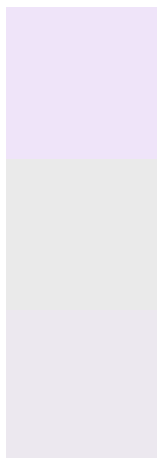
Original Color
92, 11.579, 310.254

Protanomaly
92, 10.470, 298.562

Deuteranomaly
92, 13.988, 317.691

Tritanomaly
92, 10.611, 312.088

Monochromacy



Original Color
92, 11.579, 310.254

Achromatopsia
93, 0.011, 296.813

Achromatomaly
92, 3.907, 311.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 11.579, 310.254 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(239, 228, 249)` looks like.

```
.text, #text, p{  
    color:rgb(239, 228, 249)  
}
```

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(239, 228, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 228, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 11.579, 310.254 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(239, 228, 249) }
```

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

```
.border{ border-color:rgb(239, 228, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 228, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 228, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 228, 249);  
box-shadow:4px 4px 4px 4px rgb(239, 228,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 11.579, 310.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 228, 249) }
```

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

```
.background{ background-color: rgb(239,  
228, 249) }
```

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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