

Converting Colors

CIE LCh(92, 5.303, 295.301)

Have a look what the booklet for
CIELCh(92, 5.303, 295.301) contains.

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Color

CIELCh(92, 5.198, 294.458)

Conversions

Conversions Part 1

Format	Color
Hex	E8E7F1
RGB	232, 231, 241
RGB Percent	91%, 91%, 95%
CMY	0.0900, 0.0939, 0.0547
CMYK	0.04, 0.04, 0.00, 0.05
HSL	246°, 26%, 93%
HSV	246°, 4%, 95%
XYZ	77.7759, 80.7044, 94.7437
YIQ	232.4390, -2.6140, 3.3220

Conversions

Conversions Part 2

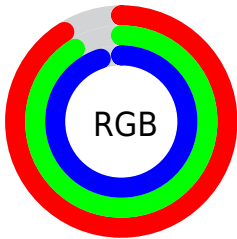
Format	Color
R _Y B	232, 231, 241
Decimal	15263729
CIE Lab	92.00, 2.15, -4.73
CIE LCh	92, 5.198, 294.458
Yxy	80.7044, 0.3071, 0.3187
Android (android.graphics.Color)	4293453809 (0xFFE8E7F1)
YUV	232.4390, 4.2206, -0.3850
Hunter-Lab	89.8356, -2.6746, 0.3557

Details

The CIELCh color `92, 5.198, 294.458` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 5.129, 113.754`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 5.472, 294.557` is the 20% darker color. If you saturate the color by 10%, you get `84, 18.057, 295.370`, and if you desaturate by 10%, it is `100, 7.075, 113.208`.

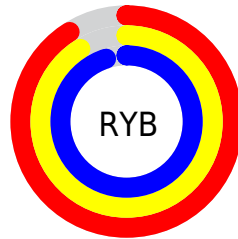
Distribution



Red (91%)

Green (91%)

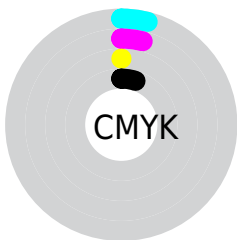
Blue (95%)



Red (91%)

Yellow (91%)

Blue (95%)

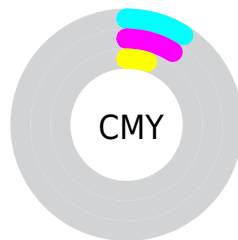


Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (5%)



Cyan (9%)

Magenta (9%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 5.198, 294.458 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, 5.198, 294.458 by changing the saturation by 10% instead.

■ 92, 5.198, 294.458

■ 92, 5.198, 294.458

100, 5.198,
294.458

■ 82, 5.198, 294.458

■ 72, 5.198, 294.458

■ 62, 5.198, 294.458

■ 52, 5.198, 294.458

■ 42, 5.198, 294.458

■ 32, 5.198, 294.458

■ 22, 5.198, 294.458

■ 12, 5.198, 294.458

■ 2, 5.198, 294.458

92, 5.198, 294.458

92, 5.198, 294.458

84, 18.057,
295.370

100, 7.075,
113.208

77, 31.454,
296.455

100, 7.055,
109.639

69, 45.408,
297.715

61, 59.908,
299.158

54, 74.847,
300.767

47, 89.901,
302.477

40, 104.303,
304.143

35, 116.598,
305.520

■ 32, 124.838,
306.321

Harmonies

Complementary

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



92, 5.198, 294.458



95, 5.129, 113.754

Rectangle

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



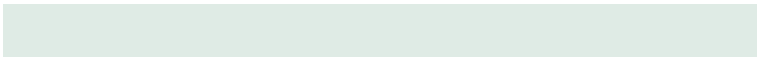
92, 5.198, 294.458



92, 5.198, 344.458



92, 5.198, 114.458



92, 5.198, 164.458

Sweetspot

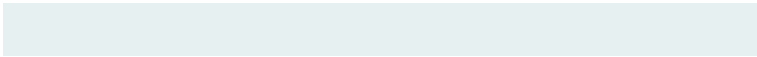
The Sweet Spot groups the original color and five complimentary colors.



92, 5.196, 294.445



99, 1.312, 294.200



94, 3.223, 207.041



53, 0.746, 294.197



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, 5.196, 294.445



96, 6.565, 294.519



92, 5.592, 312.069



48, 4.262, 294.577



22, 103.998, 306.617



3, 38.068, 301.073

Inverse Universe

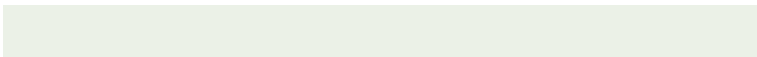
The Inverse Universe completely reimagines the original color for something new.



93, 5.876, 327.447



97, 7.419, 327.507



94, 5.547, 131.783



48, 4.813, 327.551



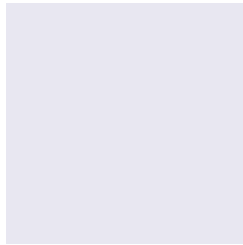
43, 83.509, 332.643



10, 36.852, 331.971

Previews

White Background



This preview shows how the CIELCh color 92, 5.198, 294.458 looks on a white background.

Color Contrast Check

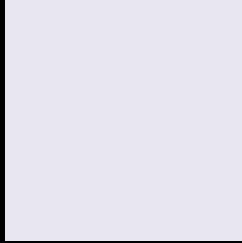
Large Text (above 18pt) WCAG AA × Fail

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, 5.198, 294.458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

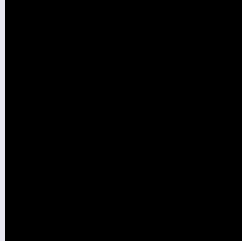
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

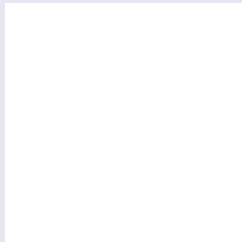
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 5.198, 294.458

Background



This preview shows how black text looks on a background with the CIELCh color 92, 5.198, 294.458.

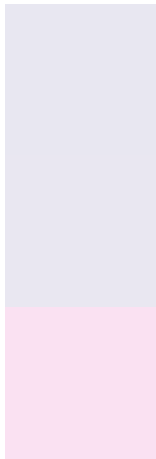


This preview shows how white text looks on a background with the CIELCh color 92, 5.198, 294.458.

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

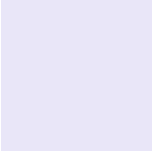
92, 5.198, 294.458

Protanopia

92, 5.238, 298.277

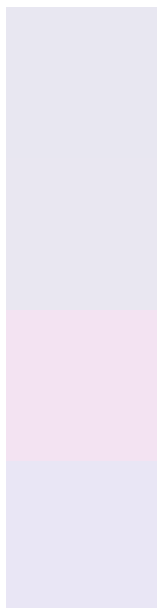
Deuteranopia

92, 12.530, 335.777



Tritanopia
92, 9.397, 297.252

Trichromacy



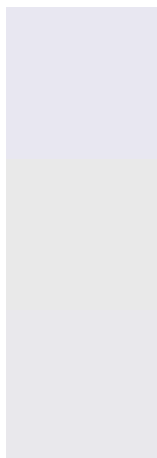
Original Color
92, 5.198, 294.458

Protanomaly
92, 5.238, 298.277

Deuteranomaly
92, 9.649, 326.505

Tritanomaly
92, 7.856, 298.421

Monochromacy



Original Color
92, 5.198, 294.458

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 2.112, 299.998

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 5.198, 294.458 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(232, 231, 241)` looks like.

```
.text, #text, p{  
    color:rgb(232, 231, 241)  
}
```

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(232, 231, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 231, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 5.198, 294.458 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(232, 231, 241) }
```

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

```
.border{ border-color:rgb(232, 231, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 231, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 231, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 231, 241);  
box-shadow:4px 4px 4px 4px rgb(232, 231,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 5.198, 294.458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 231, 241) }
```

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

```
.background{ background-color: rgb(232,  
231, 241) }
```

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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