

Converting Colors

CIE LCh(92, 5.995, 288.696)

Have a look what the booklet for
CIELCh(92, 5.995, 288.696) contains.

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Color

CIELCh(92, 6.215, 290.683)

Conversions

Conversions Part 1

Format	Color
Hex	E7E7F3
RGB	231, 231, 243
RGB Percent	91%, 91%, 95%
CMY	0.0936, 0.0936, 0.0466
CMYK	0.05, 0.05, 0.00, 0.05
HSL	240°, 34%, 93%
HSV	240°, 5%, 95%
XYZ	77.7974, 80.7044, 96.3648
YIQ	232.3680, -3.8520, 3.7320

Conversions

Conversions Part 2

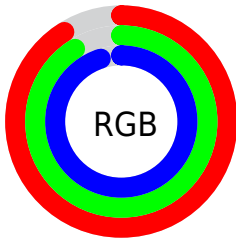
Format	Color
R _Y B	231, 231, 243
Decimal	15198195
CIE Lab	92.00, 2.20, -5.81
CIE LCh	92, 6.215, 290.683
Yxy	80.7044, 0.3052, 0.3167
Android (android.graphics.Color)	4293388275 (0xFFE7E7F3)
YUV	232.3680, 5.2416, -1.1997
Hunter-Lab	89.8356, -2.6319, -0.7142

Details

The CIELCh color `92, 6.215, 290.683` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 6.127, 109.679`, 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, 6.544, 290.825` is the 20% darker color. If you saturate the color by 10%, you get `84, 19.165, 291.796`, and if you desaturate by 10%, it is `100, 6.012, 109.716`.

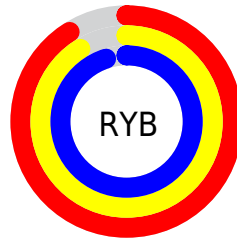
Distribution



Red (91%)

Green (91%)

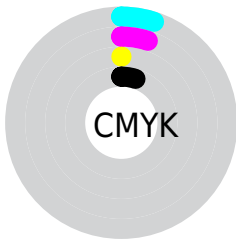
Blue (95%)



Red (91%)

Yellow (91%)

Blue (95%)

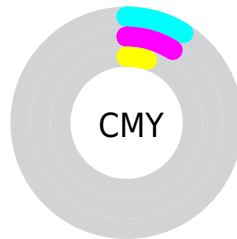


Cyan (5%)

Magenta (5%)

Yellow (0%)

Black (5%)



Cyan (9%)

Magenta (9%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 6.215, 290.683 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, 6.215, 290.683 by changing the saturation by 10% instead.

■ 92, 6.215, 290.683

■ 92, 6.215, 290.683

■ 100, 6.215,
290.683

■ 82, 6.215, 290.683

■ 72, 6.215, 290.683

■ 62, 6.215, 290.683

■ 52, 6.215, 290.683

■ 42, 6.215, 290.683

■ 32, 6.215, 290.683

■ 22, 6.215, 290.683

■ 12, 6.215, 290.683

■ 2, 6.215, 290.683

92, 6.215, 290.683

92, 6.215, 290.683

84, 19.165,
291.796

100, 6.012,
109.716

76, 32.671,
293.132

68, 46.770,
294.706

60, 61.472,
296.533

53, 76.691,
298.599

46, 92.094,
300.822

39, 106.804,
303.006

34, 119.105,
304.832

■ 31, 126.808,
305.960

Harmonies

Complementary

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



92, 6.215, 290.683



96, 6.127, 109.679

Rectangle

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



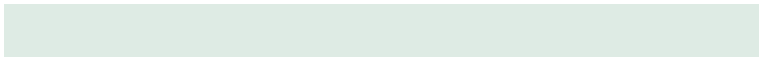
92, 6.215, 290.683



92, 6.215, 340.683



92, 6.215, 110.683



92, 6.215, 160.683

Sweetspot

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



92, 6.213, 290.671



99, 1.307, 290.322



95, 4.181, 197.874



53, 0.744, 290.320



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, 6.213, 290.671



95, 7.865, 290.782



92, 6.561, 308.685



48, 5.050, 290.848



22, 105.620, 306.284



3, 39.897, 299.765

Inverse Universe

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



93, 4.309, 19.536



96, 5.468, 19.633



95, 6.497, 128.285



49, 3.516, 19.686



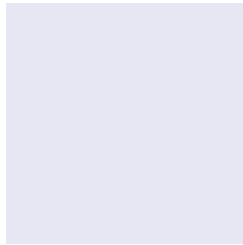
39, 82.537, 39.988



8, 31.023, 24.995

Previews

White Background



This preview shows how the CIELCh color 92, 6.215, 290.683 looks on a white background.

Color Contrast Check

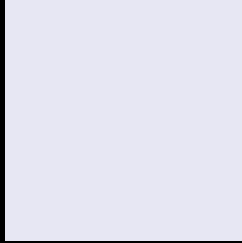
Large Text (above 18pt) WCAG AA × Fail

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, 6.215, 290.683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

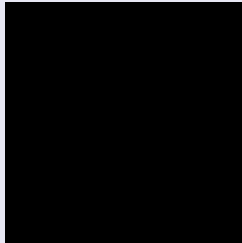
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

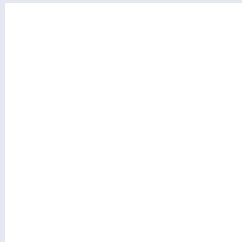
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 6.215, 290.683

Background



This preview shows how black text looks on a background with the CIELCh color 92, 6.215, 290.683.

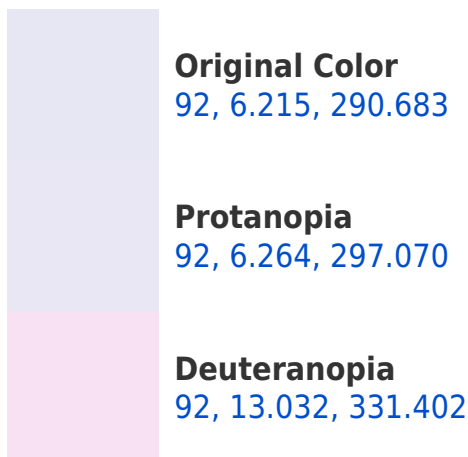



This preview shows how white text looks on a background with the CIELCh color 92, 6.215, 290.683.

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](#).

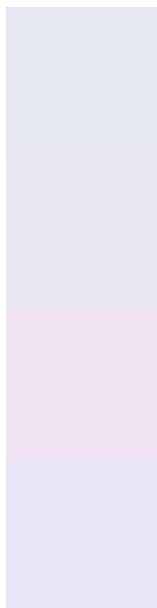
Dichromacy





Tritanopia
92, 9.361, 295.151

Trichromacy



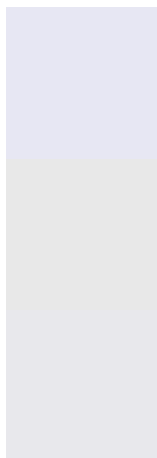
Original Color
92, 6.215, 290.683

Protanomaly
92, 6.230, 293.886

Deuteranomaly
92, 10.313, 321.522

Tritanomaly
92, 8.329, 295.613

Monochromacy



Original Color
92, 6.215, 290.683

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 2.077, 290.377

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 6.215, 290.683 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(231, 231, 243)` looks like.

```
.text, #text, p{  
    color:rgb(231, 231, 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(231, 231, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 231, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 6.215, 290.683 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(231, 231, 243) }
```

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

```
.border{ border-color:rgb(231, 231, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 231, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 231, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 231, 243);  
box-shadow:4px 4px 4px 4px rgb(231, 231,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 6.215, 290.683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 231, 243) }
```

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

```
.background{ background-color: rgb(231,  
231, 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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