

Converting Colors

CIELCh(92, 10.909, 294.650)

Have a look what the booklet for
CIELCh(92, 10.909, 294.650)
contains.

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Color

CIELCh(92, 10.909, 294.650)

Conversions

Conversions Part 1

Format	Color
Hex	E8E6FB
RGB	232, 230, 251
RGB Percent	91%, 90%, 98%
CMY	0.0902, 0.0981, 0.0157
CMYK	0.08, 0.08, 0.00, 0.02
HSL	246°, 72%, 94%
HSV	246°, 8%, 98%
XYZ	78.9783, 80.7044, 102.6710
YIQ	232.9920, -5.5490, 6.9550

Conversions

Conversions Part 2

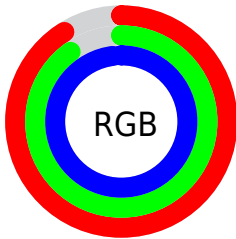
Format	Color
R _Y B	232, 230, 251
Decimal	15263483
CIE Lab	92.00, 4.55, -9.91
CIE LCh	92, 10.909, 294.650
Yxy	80.7044, 0.3010, 0.3076
Android (android.graphics.Color)	4293453563 (0xFFE8E6FB)
YUV	232.9920, 8.8779, -0.8700
Hunter-Lab	89.8356, -0.2854, -4.8761

Details

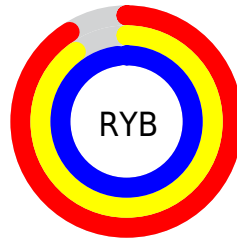
The CIELCh color `92, 10.909, 294.650` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 10.692, 113.226`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 10.367, 293.168` is the 20% darker color. If you saturate the color by 10%, you get `84, 24.425, 295.647`, and if you desaturate by 10%, it is `100, 2.027, 112.952`.

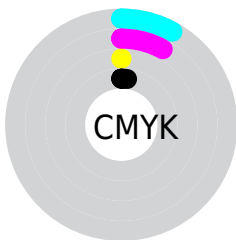
Distribution



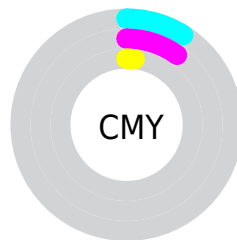
- Red (91%)
- Green (90%)
- Blue (98%)



- Red (91%)
- Yellow (90%)
- Blue (98%)



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)





- Cyan (9%)
- Magenta (10%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 10.909, 294.650 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, 10.909, 294.650 by changing the saturation by 10% instead.


 92, 10.909,
294.650


 92, 10.909,
294.650


 100, 10.909,
294.650


 82, 10.909,
294.650


 72, 10.909,
294.650

 62, 10.909,
294.650

 52, 10.909,
294.650

 42, 10.909,
294.650

 32, 10.909,
294.650

 22, 10.909,

294.650

■ 12, 10.909,
294.650

■ 2, 10.909, 294.650

■ 92, 10.909,
294.650

■ 92, 10.909,
294.650

■ 84, 24.425,
295.647

■ 100, 2.027,
112.952

■ 76, 38.510,
296.818

■ 100, 2.023,
109.989

■ 68, 53.176,
298.174

■ 60, 68.382,
299.712

■ 53, 83.941,
301.401

■ 46, 99.353,
303.142

■ 40, 113.528,
304.743

■ 35, 124.641,
305.923

■ 32, 130.944,
306.456

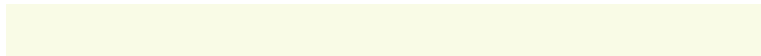
Harmonies

Complementary

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



92, 10.909, 294.650



98, 10.692, 113.226

Rectangle

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



92, 10.909, 294.650



92, 10.909, 344.650



92, 10.909, 114.650



92, 10.909, 164.650

Sweetspot

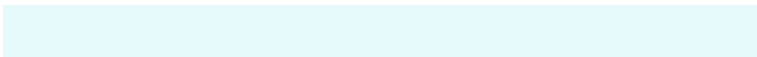
The Sweet Spot groups the original color and five complimentary colors.



92, 10.907, 294.644



98, 3.927, 294.173



97, 6.646, 206.843



52, 2.980, 294.240



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, 10.907, 294.644



92, 13.248, 294.798



93, 11.712, 312.265



48, 7.401, 294.750



23, 106.187, 306.589



3, 42.296, 302.860

Inverse Universe

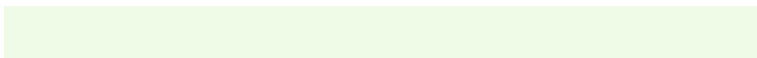
The Inverse Universe completely reimagines the original color for something new.



93, 12.318, 327.582



94, 14.930, 327.682



97, 11.590, 131.585



49, 8.346, 327.651



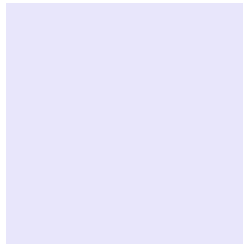
44, 85.523, 332.427



11, 39.060, 331.849

Previews

White Background



This preview shows how the CIELCh color 92, 10.909, 294.650 looks on a white background.

Color Contrast Check

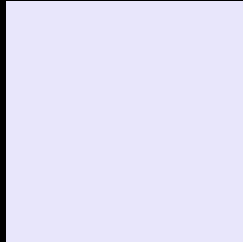
Large Text (above 18pt) WCAG AA × Fail

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, 10.909, 294.650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

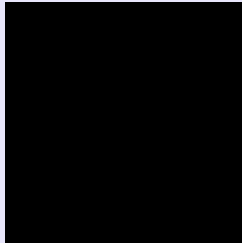
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 10.909, 294.650

Background



This preview shows how black text looks on a background with the CIELCh color 92, 10.909, 294.650.

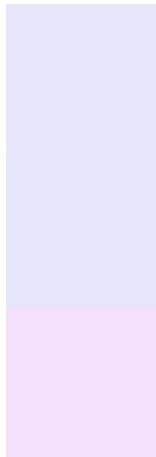


This preview shows how white text looks on a background with the CIELCh color 92, 10.909, 294.650.

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, 10.909, 294.650

Protanopia

92, 10.878, 291.047

Deuteranopia

92, 15.691, 317.454



Tritanopia
92, 9.877, 294.962

Trichromacy



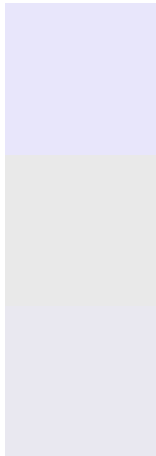
Original Color
92, 10.909, 294.650

Protanomaly
92, 10.888, 292.849

Deuteranomaly
92, 13.771, 310.194

Tritanomaly
92, 10.393, 294.797

Monochromacy



Original Color
92, 10.909, 294.650

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 4.163, 295.352

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 10.909, 294.650 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, 230, 251)` looks like.

```
.text, #text, p{  
    color:rgb(232, 230, 251)  
}
```

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, 230, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 230, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 10.909, 294.650 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, 230, 251) }
```

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

```
.border{ border-color:rgb(232, 230, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 230, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 230, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 230, 251);  
box-shadow:4px 4px 4px 4px rgb(232, 230,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 10.909, 294.650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 230, 251) }
```

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

```
.background{ background-color: rgb(232,  
230, 251) }
```

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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