

Converting Colors

CIELCh(92, 10.516, 279.800)

Have a look what the booklet for
CIELCh(92, 10.516, 279.800)
contains.

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Color

CIELCh(92, 10.508, 279.795)

Conversions

Conversions Part 1

Format	Color
Hex	E2E8FC
RGB	226, 232, 252
RGB Percent	89%, 91%, 99%
CMY	0.1147, 0.0912, 0.0128
CMYK	0.10, 0.08, 0.00, 0.01
HSL	226°, 80%, 94%
HSV	226°, 10%, 99%
XYZ	77.5942, 80.7044, 103.3634
YIQ	232.4860, -9.9960, 4.9480

Conversions

Conversions Part 2

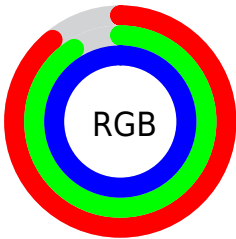
Format	Color
R_{YB}	226, 231, 252
Decimal	14870780
CIE _{Lab}	92.00, 1.79, -10.35
CIE _{LCh}	92, 10.508, 279.795
Yxy	80.7044, 0.2965, 0.3084
Android (android.graphics.Color)	4293060860 (0xFFE2E8FC)
YUV	232.4860, 9.6204, -5.6882
Hunter-Lab	89.8356, -3.0356, -5.3332

Details

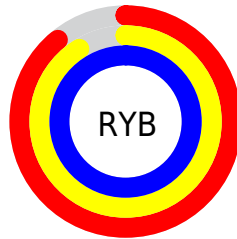
The CIELCh color **92, 10.508, 279.795** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 10.405, 97.253**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 10.464, 281.417** is the 20% darker color. If you saturate the color by 10%, you get **85, 20.952, 281.234**, and if you desaturate by 10%, it is **99, 0.338, 279.134**.

Distribution



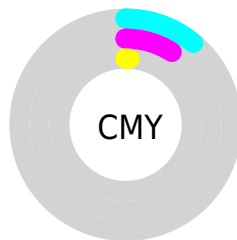
- Red (89%)
- Green (91%)
- Blue (99%)



- Red (89%)
- Yellow (91%)
- Blue (99%)



- Cyan (10%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)





- Cyan (11%)
- Magenta (9%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 10.508, 279.795 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, 10.508, 279.795 by changing the saturation by 10% instead.


 92, 10.508,
279.795


 92, 10.508,
279.795


 100, 10.508,
279.795


 82, 10.508,
279.795


 72, 10.508,
279.795

 62, 10.508,
279.795

 52, 10.508,
279.795

 42, 10.508,
279.795

 32, 10.508,
279.795

 22, 10.508,

279.795

■ 12, 10.508,
279.795

■ 2, 10.508, 279.795

■ 92, 10.508,
279.795

■ 92, 10.508,
279.795

■ 85, 20.952,
281.234

■ 99, 0.338, 279.134

■ 79, 31.696,
282.936

100, 1.644,
110.008

■ 72, 42.770,
284.929

■ 65, 54.208,
287.246

■ 59, 66.041,
289.900

■ 53, 78.255,
292.857

■ 47, 90.701,
296.009

■ 42, 102.946,
299.153

■ 38, 113.824,
301.890

Harmonies

Complementary

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



92, 10.508, 279.795



97, 10.405, 97.253

Rectangle

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



92, 10.508, 279.795



92, 10.508, 329.795



92, 10.508, 99.795



92, 10.508, 149.795

Sweetspot

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



92, 10.506, 279.787



98, 3.062, 278.903



97, 9.540, 179.856



52, 2.322, 278.986



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, 10.506, 279.787



92, 12.363, 280.014



91, 13.745, 301.202



49, 5.743, 279.677



28, 90.202, 301.396



6, 34.932, 295.911

Inverse Universe

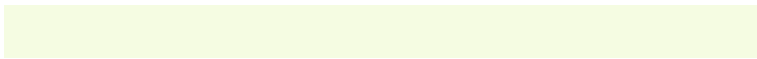
The Inverse Universe completely reimagines the original color for something new.



92, 9.892, 1.861



92, 11.664, 2.046



98, 13.456, 119.919



49, 5.402, 1.769



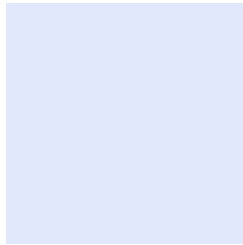
40, 72.710, 27.134



9, 30.845, 16.194

Previews

White Background



This preview shows how the CIE LCh color 92, 10.508, 279.795 looks on a white background.

Color Contrast Check

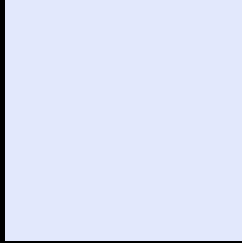
Large Text (above 18pt) WCAG AA × Fail

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 92, 10.508, 279.795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

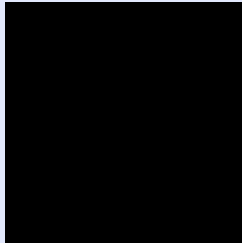
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

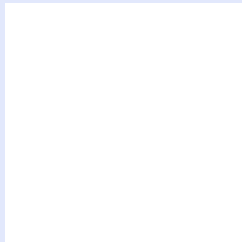
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 10.508, 279.795

Background



This preview shows how black text looks on a background with the CIELCh color 92, 10.508, 279.795.



This preview shows how white text looks on a background with the CIELCh color 92, 10.508, 279.795.

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

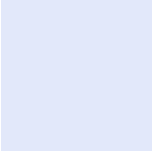
92, 10.508, 279.795

Protanopia

92, 10.878, 291.047

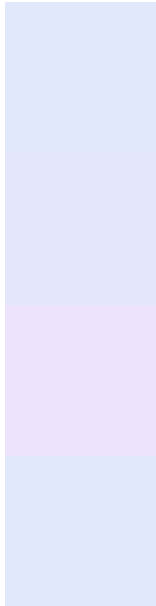
Deuteranopia

92, 16.153, 316.641



Tritanopia
92, 9.498, 278.458

Trichromacy



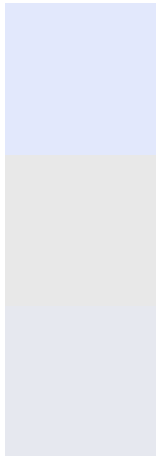
Original Color
92, 10.508, 279.795

Protanomaly
92, 10.386, 285.341

Deuteranomaly
92, 14.054, 306.840

Tritanomaly
92, 10.002, 279.158

Monochromacy



Original Color
92, 10.508, 279.795

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.683, 279.529

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 10.508, 279.795 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(226, 232, 252)` looks like.

```
.text, #text, p{  
    color:rgb(226, 232, 252)  
}
```

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(226, 232, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 232, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 10.508, 279.795 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(226, 232, 252) }
```

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

```
.border{ border-color:rgb(226, 232, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 232, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 232, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 232, 252);  
box-shadow:4px 4px 4px 4px rgb(226, 232,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 10.508, 279.795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 232, 252) }
```

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

```
.background{ background-color: rgb(226,  
232, 252) }
```

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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