

Converting Colors

CIELCh(92, 8.373, 287.585)

Have a look what the booklet for
CIELCh(92, 8.373, 287.585) contains.

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Color

CIELCh(92, 8.286, 288.457)

Conversions

Conversions Part 1

Format	Color
Hex	E6E7F7
RGB	230, 231, 247
RGB Percent	90%, 91%, 97%
CMY	0.0980, 0.0940, 0.0313
CMYK	0.07, 0.06, 0.00, 0.03
HSL	236°, 52%, 94%
HSV	236°, 7%, 97%
XYZ	78.0112, 80.7044, 99.4771
YIQ	232.5250, -5.7320, 4.7640

Conversions

Conversions Part 2

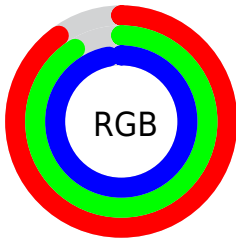
Format	Color
R _Y B	230, 231, 247
Decimal	15132663
CIE Lab	92.00, 2.62, -7.86
CIE LCh	92, 8.286, 288.457
Yxy	80.7044, 0.3021, 0.3126
Android (android.graphics.Color)	4293322743 (0xFFE6E7F7)
YUV	232.5250, 7.1362, -2.2144
Hunter-Lab	89.8356, -2.2070, -2.7682

Details

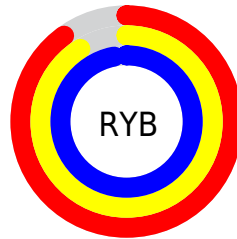
The CIELCh color `92, 8.286, 288.457` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 8.157, 106.998`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 8.724, 288.669` is the 20% darker color. If you saturate the color by 10%, you get `84, 20.698, 289.658`, and if you desaturate by 10%, it is `100, 3.667, 107.373`.

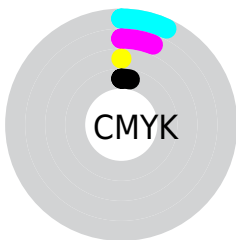
Distribution



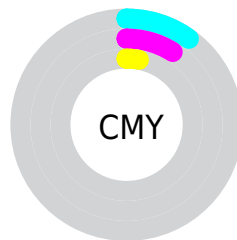
- Red (90%)
- Green (91%)
- Blue (97%)



- Red (90%)
- Yellow (91%)
- Blue (97%)



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



- Cyan (10%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 8.286, 288.457 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, 8.286, 288.457 by changing the saturation by 10% instead.

92, 8.286, 288.457

92, 8.286, 288.457

100, 8.286,
288.457

82, 8.286, 288.457

72, 8.286, 288.457

62, 8.286, 288.457

52, 8.286, 288.457

42, 8.286, 288.457

32, 8.286, 288.457

22, 8.286, 288.457

12, 8.286, 288.457

2, 8.286, 288.457

92, 8.286, 288.457

92, 8.286, 288.457

84, 20.698,
289.658

100, 3.667,
107.373

77, 33.614,
291.090

100, 4.035,
109.857

69, 47.072,
292.771

61, 61.093,
294.724

54, 75.629,
296.940

47, 90.441,
299.348

41, 104.862,
301.775

36, 117.508,
303.931

■ 33,126.419,
305.477

Harmonies

Complementary

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



92, 8.286, 288.457



97, 8.157, 106.998

Rectangle

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



92, 8.286, 288.457



92, 8.286, 338.457



92, 8.286, 108.457



92, 8.286, 158.457

Sweetspot

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



92, 8.284, 288.448



98, 2.456, 287.953



96, 5.923, 193.492



53, 1.396, 287.945



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, 8.284, 288.448



94, 9.900, 288.574



92, 9.201, 307.025



47, 6.822, 288.742



23, 102.977, 305.585



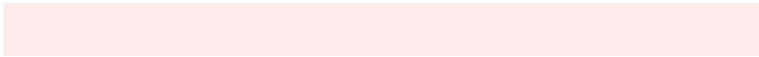
3, 38.265, 298.786

Inverse Universe

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



93, 6.149, 14.922



95, 7.364, 15.029



96, 9.088, 126.394



48, 5.088, 15.166



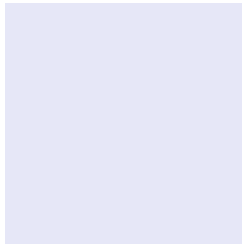
39, 80.077, 37.707



8, 30.660, 22.637

Previews

White Background



This preview shows how the CIELCh color 92, 8.286, 288.457 looks on a white background.

Color Contrast Check

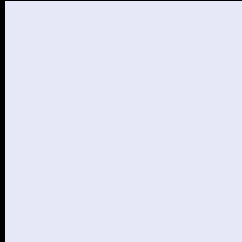
Large Text (above 18pt) WCAG AA × Fail

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, 8.286, 288.457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

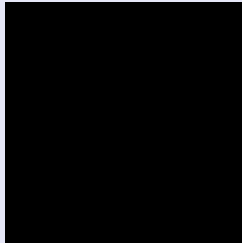
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 8.286, 288.457

Background



This preview shows how black text looks on a background with the CIELCh color 92, 8.286, 288.457.



This preview shows how white text looks on a background with the CIELCh color 92, 8.286, 288.457.

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, 8.286, 288.457

Protanopia

92, 8.296, 293.230

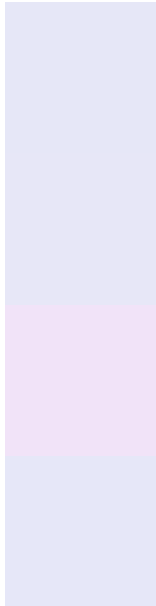
Deuteranopia

92, 14.249, 323.741



Tritanopia
92, 9.319, 288.810

Trichromacy



Original Color
92, 8.286, 288.457

Protanomaly
92, 8.284, 290.843

Deuteranomaly
92, 11.980, 315.006

Tritanomaly
92, 8.802, 288.642

Monochromacy



Original Color
92, 8.286, 288.457

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.110, 290.448

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 8.286, 288.457 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(230, 231, 247)` looks like.

```
.text, #text, p{  
    color:rgb(230, 231, 247)  
}
```

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(230, 231, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 231, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 8.286, 288.457 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(230, 231, 247) }
```

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

```
.border{ border-color:rgb(230, 231, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 231, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 231, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 231, 247);  
box-shadow:4px 4px 4px 4px rgb(230, 231,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 8.286, 288.457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 231, 247) }
```

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

```
.background{ background-color: rgb(230,  
231, 247) }
```

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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