

Converting Colors

CIELCh(92, 5.266, 309.219)

Have a look what the booklet for
CIELCh(92, 5.266, 309.219) contains.

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Color

CIELCh(92, 5.495, 309.227)

Conversions

Conversions Part 1

Format	Color
Hex	EBE6F0
RGB	235, 230, 240
RGB Percent	92%, 90%, 94%
CMY	0.0776, 0.0972, 0.0580
CMYK	0.02, 0.04, 0.00, 0.06
HSL	270°, 25%, 92%
HSV	270°, 4%, 94%
XYZ	78.4378, 80.7044, 94.0385
YIQ	232.6350, -0.2300, 4.1700

Conversions

Conversions Part 2

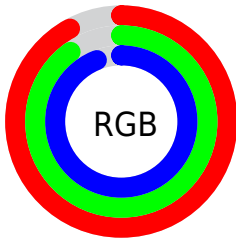
Format	Color
R_{YB}	235, 230, 240
Decimal	15460080
CIE Lab	92.00, 3.48, -4.26
CIE LCh	92, 5.495, 309.227
Yxy	80.7044, 0.3098, 0.3188
Android (android.graphics.Color)	4293650160 (0xFFE6E6F0)
YUV	232.6350, 3.6309, 2.0741
Hunter-Lab	89.8356, -1.3594, 0.8211

Details

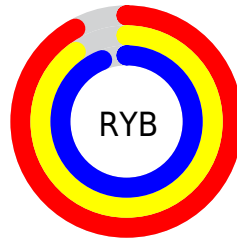
The CIELCh color `92, 5.495, 309.227` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 5.443, 128.905`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 5.144, 307.311` is the 20% darker color. If you saturate the color by 10%, you get `85, 18.943, 309.708`, and if you desaturate by 10%, it is `99, 7.558, 128.838`.

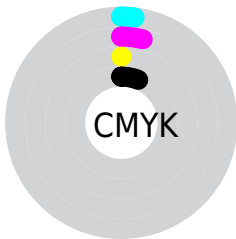
Distribution



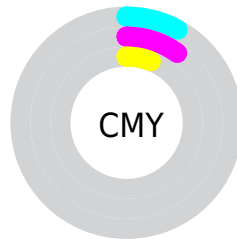
- Red (92%)
- Green (90%)
- Blue (94%)



- Red (92%)
- Yellow (90%)
- Blue (94%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (8%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 5.495, 309.227 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, 5.495, 309.227 by changing the saturation by 10% instead.

92, 5.495, 309.227

92, 5.495, 309.227

100, 5.495,
309.227

82, 5.495, 309.227

72, 5.495, 309.227

62, 5.495, 309.227

52, 5.495, 309.227

42, 5.495, 309.227

32, 5.495, 309.227

22, 5.495, 309.227

12, 5.495, 309.227

2, 5.495, 309.227

92, 5.495, 309.227

92, 5.495, 309.227

85, 18.943,
309.708

99, 7.558, 128.838

78, 32.760,
310.221

100, 7.490,
109.607

72, 46.862,
310.761

65, 61.091,
311.310

59, 75.163,
311.831

53, 88.601,
312.266

47, 100.681,
312.531

43, 110.452,
312.513

■ 40,116.988,
312.099

Harmonies

Complementary

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



92, 5.495, 309.227



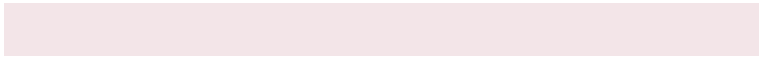
94, 5.443, 128.905

Rectangle

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



92, 5.495, 309.227



92, 5.495, 359.227



92, 5.495, 129.227



92, 5.495, 179.227

Sweetspot

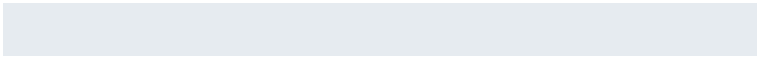
The Sweet Spot groups the original color and five complimentary colors.



92, 5.493, 309.220



99, 1.387, 309.004



93, 3.060, 254.246



53, 0.789, 308.996



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, 5.493, 309.220



96, 6.932, 309.263



92, 6.264, 324.177



48, 4.499, 309.296



29, 97.498, 311.898



5, 39.632, 312.061

Inverse Universe

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



92, 4.424, 343.878



97, 5.584, 343.968



94, 6.244, 143.815



48, 3.624, 344.035



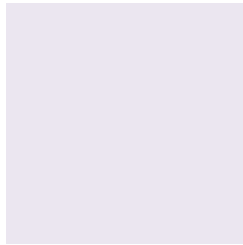
39, 66.221, 1.961



8, 29.446, 355.548

Previews

White Background



This preview shows how the CIELCh color 92, 5.495, 309.227 looks on a white background.

Color Contrast Check

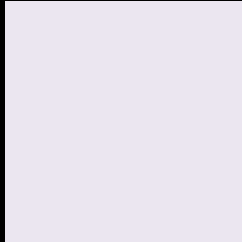
Large Text (above 18pt) WCAG AA × Fail

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, 5.495, 309.227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

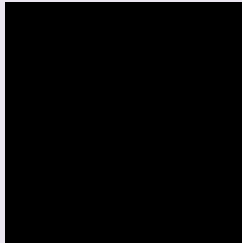
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

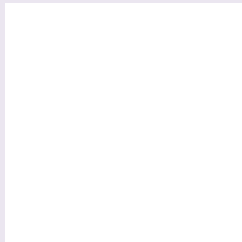
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 5.495, 309.227

Background



This preview shows how black text looks on a background with the CIELCh color 92, 5.495, 309.227.

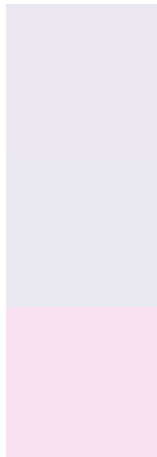


This preview shows how white text looks on a background with the CIELCh color 92, 5.495, 309.227.

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, 5.495, 309.227

Protanopia

92, 4.795, 303.238

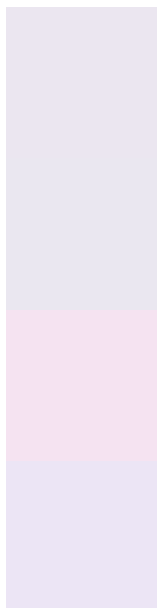
Deuteranopia

92, 12.178, 337.517



Tritanopia
92, 9.672, 305.460

Trichromacy



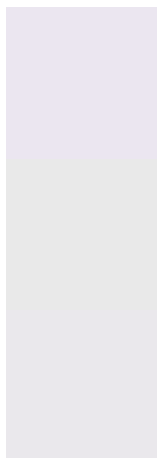
Original Color
92, 5.495, 309.227

Protanomaly
92, 4.795, 303.238

Deuteranomaly
92, 9.692, 331.747

Tritanomaly
92, 8.675, 307.154

Monochromacy



Original Color
92, 5.495, 309.227

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 2.203, 309.082

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 5.495, 309.227 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(235, 230, 240)` looks like.

```
.text, #text, p{  
    color:rgb(235, 230, 240)  
}
```

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(235, 230, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 230, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 5.495, 309.227 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(235, 230, 240) }
```

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

```
.border{ border-color:rgb(235, 230, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 230, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 230, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 230, 240);  
box-shadow:4px 4px 4px 4px rgb(235, 230,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 5.495, 309.227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 230, 240) }
```

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

```
.background{ background-color: rgb(235,  
230, 240) }
```

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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