

Converting Colors

CIELCh(91, 4.812, 324.560)

Have a look what the booklet for
CIELCh(91, 4.812, 324.560) contains.

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Color

CIELCh(91, 5.058, 324.572)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---|
| Hex | EBE3EB |
| RGB | 235, 227, 235 |
| RGB Percent | 92%, 89%, 92% |
| CMY | 0.0790, 0.1104, 0.0790 |
| CMYK | 0.00, 0.03, 0.00, 0.08 |
| HSL | 300°, 17%, 91% |
| HSV | 300°, 3%, 92% |
| XYZ | 76.6138, 78.4833, 89.5945 |
| YIQ | 230.3040, 2.2000, 4.1840 |

Conversions

Conversions Part 2

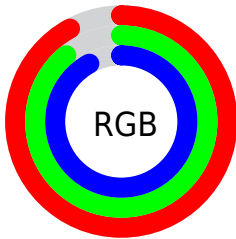
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 235, 227, 235 |
| Decimal | 15459307 |
| CIE Lab | 91.00, 4.12, -2.93 |
| CIE LCh | 91, 5.058, 324.572 |
| Yxy | 78.4833, 0.3131, 0.3207 |
| Android (android.graphics.Color) | 4293649387 (0xFFE3E3EB) |
| YUV | 230.3040, 2.3151, 4.1184 |
| Hunter-Lab | 88.5908, -0.6662, 2.0518 |

Details

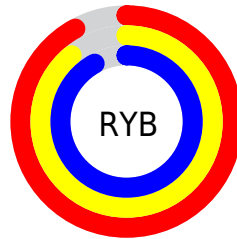
The CIELCh color **91, 5.058, 324.572** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 5.036, 144.308**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 4.658, 324.602** is the 20% darker color. If you saturate the color by 10%, you get **85, 20.012, 325.166**, and if you desaturate by 10%, it is **97, 9.671, 144.116**.

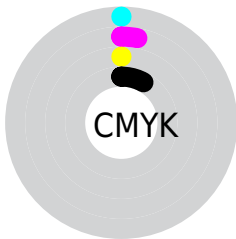
Distribution



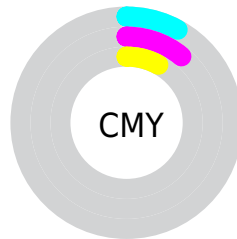
- Red (92%)
- Green (89%)
- Blue (92%)



- Red (92%)
- Yellow (89%)
- Blue (92%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 5.058, 324.572 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 91, 5.058, 324.572 by changing the saturation by 10% instead.

91, 5.058, 324.572

91, 5.058, 324.572

100, 5.058,
324.572

81, 5.058, 324.572

71, 5.058, 324.572

61, 5.058, 324.572

51, 5.058, 324.572

41, 5.058, 324.572

31, 5.058, 324.572

21, 5.058, 324.572

11, 5.058, 324.572

1, 5.058, 324.572

91, 5.058, 324.572

91, 5.058, 324.572

85, 20.012,
325.166

97, 9.671, 144.116

80, 35.014,
325.719

98, 12.553,
144.003

75, 49.783,
326.252

98, 12.553,
144.003

70, 63.932,
326.750

98, 12.553,
144.003

65, 76.964,
327.198

98, 12.553,
144.004

62, 88.304,
327.578

98, 12.553,
144.004

59, 97.382,
327.875

98, 12.553,
144.004

57, 103.780,
328.081

98, 12.552,
144.005

■ 56,107.386,
328.195

■ 98,12.552,
144.005

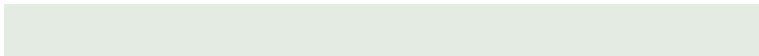
Harmonies

Complementary

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



91, 5.058, 324.572



92, 5.036, 144.308

Rectangle

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



91, 5.058, 324.572



91, 5.058, 14.572



91, 5.058, 144.572



91, 5.058, 194.572

Sweetspot

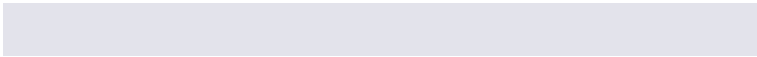
The Sweet Spot groups the original color and five complimentary colors.



91, 5.055, 324.572



99, 1.592, 324.303



90, 4.158, 290.530



53, 0.905, 324.290



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 5.055, 324.572



97, 6.352, 324.614



91, 3.550, 343.801



48, 4.217, 324.661



43, 89.363, 328.233



9, 38.267, 328.233

Inverse Universe

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



91, 5.055, 324.572



97, 6.352, 324.614



92, 3.521, 163.502



48, 4.217, 324.661



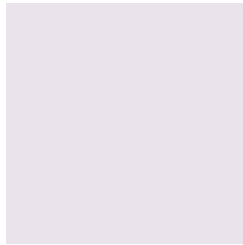
43, 89.363, 328.233



9, 38.267, 328.233

Previews

White Background



This preview shows how the CIELCh color 91, 5.058, 324.572 looks on a white background.

Color Contrast Check

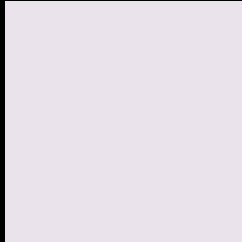
Large Text (above 18pt) WCAG AA × Fail

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 91, 5.058, 324.572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

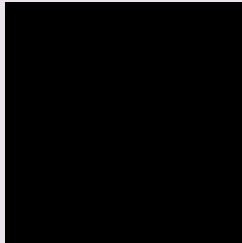
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

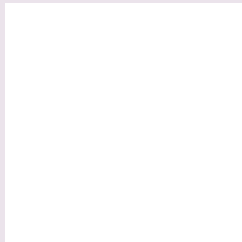
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 5.058, 324.572

Background



This preview shows how black text looks on a background with the CIELCh color 91, 5.058, 324.572.

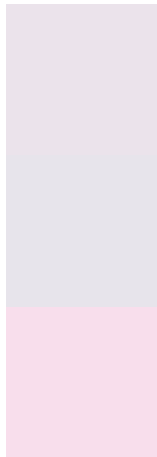


This preview shows how white text looks on a background with the CIELCh color 91, 5.058, 324.572.

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

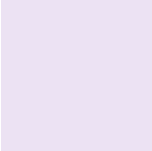
91, 5.058, 324.572

Protanopia

91, 3.803, 306.648

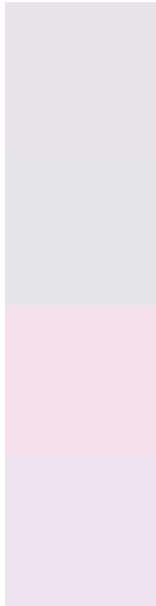
Deuteranopia

91, 11.823, 342.453



Tritanopia
91, 9.536, 312.366

Trichromacy



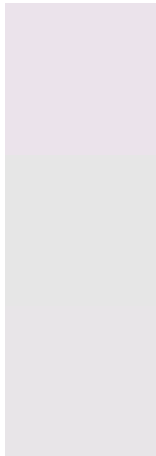
Original Color
91, 5.058, 324.572

Protanomaly
91, 3.920, 311.608

Deuteranomaly
91, 9.232, 337.719

Tritanomaly
91, 8.114, 316.403

Monochromacy



Original Color
91, 5.058, 324.572

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.904, 324.362

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 5.058, 324.572 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, 227, 235)` looks like.

```
.text, #text, p{  
    color:rgb(235, 227, 235)  
}
```

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, 227, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 227, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 5.058, 324.572 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, 227, 235) }
```

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

```
.border{ border-color:rgb(235, 227, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 227, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 227, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 227, 235);  
box-shadow:4px 4px 4px 4px rgb(235, 227,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 5.058, 324.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 227, 235) }
```

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

```
.background{ background-color: rgb(235,  
227, 235) }
```

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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