

Converting Colors

CIELCh(91, 6.402, 2.785)

Have a look what the booklet for
CIELCh(91, 6.402, 2.785) contains.

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Color

CIELCh(91, 6.477, 1.171)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F2E1E5 |
| RGB | 242, 225, 229 |
| RGB Percent | 95%, 88%, 90% |
| CMY | 0.0505, 0.1171, 0.1015 |
| CMYK | 0.00, 0.07, 0.05, 0.05 |
| HSL | 346°, 40%, 92% |
| HSV | 346°, 7%, 95% |
| XYZ | 77.7825, 78.4833, 85.2712 |
| YIQ | 230.5390, 8.8480, 4.8480 |

Conversions

Conversions Part 2

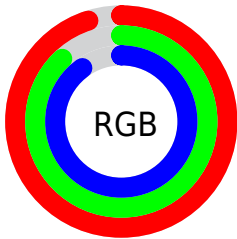
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 242, 225, 229 |
| Decimal | 15917541 |
| CIE Lab | 91.00, 6.48, 0.13 |
| CIE LCh | 91, 6.477, 1.171 |
| Yxy | 78.4833, 0.3220, 0.3249 |
| Android (android.graphics.Color) | 4294107621 (0xFF2E1E5) |
| YUV | 230.5390, -0.7587, 10.0513 |
| Hunter-Lab | 88.5908, 1.6886, 4.9453 |

Details

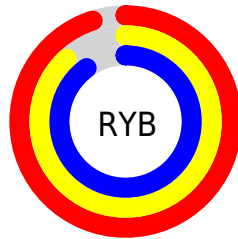
The CIELCh color **91, 6.477, 1.171** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **94, 6.311, 180.063**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 6.467, 0.253** is the 20% darker color. If you saturate the color by 10%, you get **85, 16.077, 2.306**, and if you desaturate by 10%, it is **97, 2.671, 180.570**.

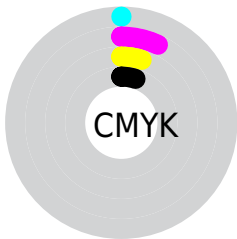
Distribution



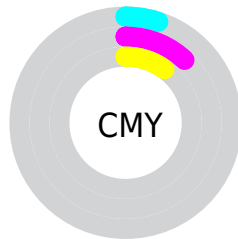
- Red (95%)
- Green (88%)
- Blue (90%)



- Red (95%)
- Yellow (88%)
- Blue (90%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (5%)



- Cyan (5%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 6.477, 1.171 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, 6.477, 1.171 by changing the saturation by 10% instead.

91, 6.477, 1.171

91, 6.477, 1.171

100, 6.477, 1.171

81, 6.477, 1.171

71, 6.477, 1.171

61, 6.477, 1.171

51, 6.477, 1.171

41, 6.477, 1.171

31, 6.477, 1.171

21, 6.477, 1.171

11, 6.477, 1.171

1, 6.477, 1.171

91, 6.477, 1.171

91, 6.477, 1.171

85, 16.077, 2.306

97, 2.671, 180.570

78, 26.076, 3.582

99, 4.438, 199.273

73, 36.342, 5.110

67, 46.644, 6.985

62, 56.642, 9.331

58, 65.913, 12.303

55, 74.051, 16.066

52, 80.852, 20.720

51, 86.468, 26.140

Harmonies

Complementary

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



91, 6.477, 1.171



94, 6.311, 180.063

Rectangle

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



91, 6.477, 1.171



91, 6.477, 51.171



91, 6.477, 181.171



91, 6.477, 231.171

Sweetspot

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



91, 6.475, 1.184



99, 1.903, 0.481



91, 9.943, 317.572



53, 1.082, 0.456



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

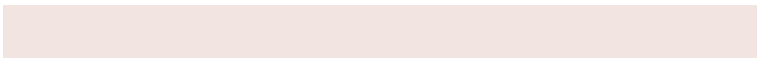
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 6.475, 1.184



95, 7.713, 1.295



92, 5.098, 44.994



47, 5.229, 1.454



38, 70.994, 26.674



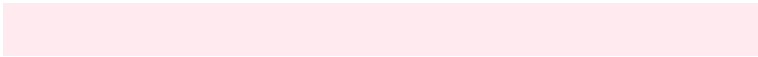
8, 28.907, 13.890

Inverse Universe

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



91, 6.475, 1.184



95, 7.713, 1.295



93, 4.896, 225.897



47, 5.229, 1.454



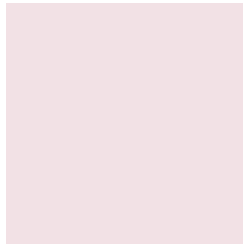
38, 70.994, 26.674



8, 28.907, 13.890

Previews

White Background



This preview shows how the CIELCh color 91, 6.477, 1.171 looks on a white background.

Color Contrast Check

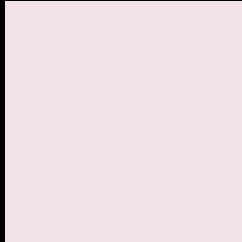
Large Text (above 18pt) WCAG AA × Fail

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, 6.477, 1.171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

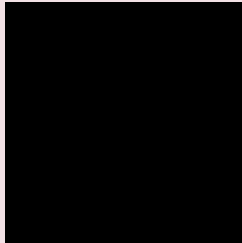
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

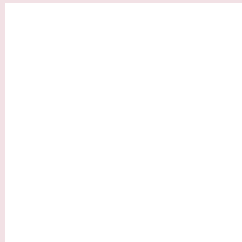
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 6.477, 1.171

Background



This preview shows how black text looks on a background with the CIELCh color 91, 6.477, 1.171.

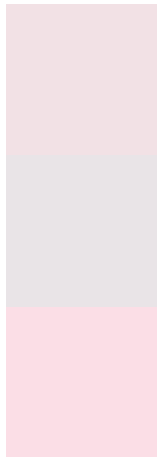


This preview shows how white text looks on a background with the CIELCh color 91, 6.477, 1.171.

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, 6.477, 1.171

Protanopia

91, 2.385, 338.618

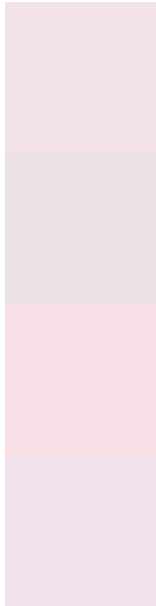
Deuteranopia

91, 11.286, 358.734



Tritanopia
91, 11.981, 329.097

Trichromacy



Original Color

91, 6.477, 1.171

Protanomaly

91, 3.593, 353.895

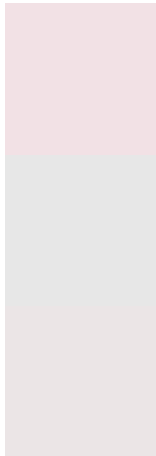
Deuteranomaly

91, 9.739, 358.278

Tritanomaly

91, 9.586, 335.434

Monochromacy



Original Color

91, 6.477, 1.171

Achromatopsia

92, 0.011, 296.813

Achromatomaly

91, 2.214, 5.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 6.477, 1.171 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(242, 225, 229)` looks like.

```
.text, #text, p{  
    color:rgb(242, 225, 229)  
}
```

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(242, 225, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 225, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 6.477, 1.171 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(242, 225, 229) }
```

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

```
.border{ border-color:rgb(242, 225, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 225, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 225, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 225, 229); box-shadow:4px 4px 4px 4px rgb(242, 225, 229) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 6.477, 1.171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 225, 229) }
```

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

```
.background{ background-color: rgb(242,  
225, 229) }
```

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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