

Converting Colors

CIELCh(91, 6.396, 338.264)

Have a look what the booklet for
CIELCh(91, 6.396, 338.264) contains.

CIELCh(91, 6.250, 338.257)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(91, 6.250, 338.257)

Conversions

Conversions Part 1

Format	Color
Hex	EFE2EA
RGB	239, 226, 234
RGB Percent	94%, 89%, 92%
CMY	0.0638, 0.1147, 0.0834
CMYK	0.00, 0.05, 0.02, 0.06
HSL	323°, 29%, 91%
HSV	323°, 5%, 94%
XYZ	77.4485, 78.4833, 88.7129
YIQ	230.7990, 5.1800, 5.2440

Conversions

Conversions Part 2

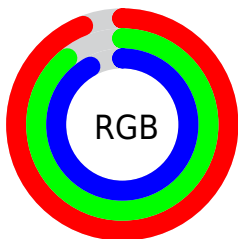
Format	Color
R_{YB}	239, 226, 234
Decimal	15721194
CIE _{Lab}	91.00, 5.81, -2.32
CIE _{LCh}	91, 6.250, 338.257
Yxy	78.4833, 0.3166, 0.3208
Android (android.graphics.Color)	4293911274 (0xFFEFE2EA)
YUV	230.7990, 1.5781, 7.1923
Hunter-Lab	88.5908, 1.0157, 2.6418

Details

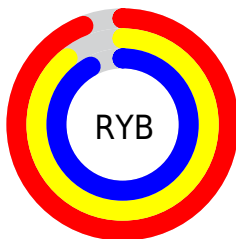
The CIELCh color $91, 6.250, 338.257$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $93, 6.209, 157.589$, and the grayscale version is $91, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $71, 5.935, 339.854$ is the 20% darker color. If you saturate the color by 10%, you get $85, 17.883, 339.087$, and if you desaturate by 10%, it is $97, 5.153, 157.687$.

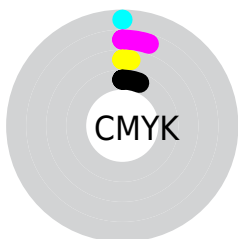
Distribution



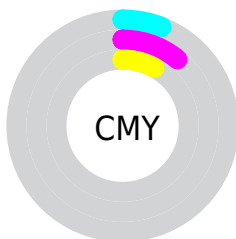
- Red (94%)
- Green (89%)
- Blue (92%)



- Red (94%)
- Yellow (89%)
- Blue (92%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (6%)



- Cyan (6%)
- Magenta (11%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 6.250, 338.257 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, 6.250, 338.257 by changing the saturation by 10% instead.

 91, 6.250, 338.257

 91, 6.250, 338.257

 100, 6.250,
338.257

 81, 6.250, 338.257

 71, 6.250, 338.257

 61, 6.250, 338.257

 51, 6.250, 338.257

 41, 6.250, 338.257

 31, 6.250, 338.257

 21, 6.250, 338.257

 11, 6.250, 338.257

 1, 6.250, 338.257

91, 6.250, 338.257

91, 6.250, 338.257

85, 17.883,
339.087

97, 5.153, 157.687

79, 29.614,
339.947

99, 5.829, 184.517

99, 5.590, 199.170

73, 41.218,
340.885

68, 52.355,
341.930

64, 62.562,
343.119

60, 71.270,
344.509

56, 77.883,
346.179

54, 81.951,
348.238

■ 53, 83.385,
350.806

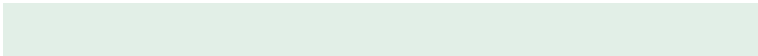
Harmonies

Complementary

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



91, 6.250, 338.257



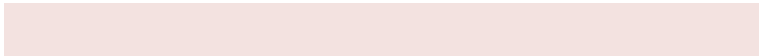
93, 6.209, 157.589

Rectangle

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



91, 6.250, 338.257



91, 6.250, 28.257



91, 6.250, 158.257



91, 6.250, 208.257

Sweetspot

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



91, 6.247, 338.262



99, 2.418, 337.893



91, 7.000, 305.158



53, 1.375, 337.876



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, 6.247, 338.262



95, 8.489, 338.397



91, 4.752, 10.128



48, 5.246, 338.443



40, 68.770, 351.579



9, 30.891, 347.245

Inverse Universe

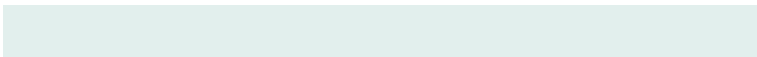
The Inverse Universe completely reimagines the original color for something new.



91, 6.247, 338.262



95, 8.489, 338.397



93, 4.623, 189.495



48, 5.246, 338.443



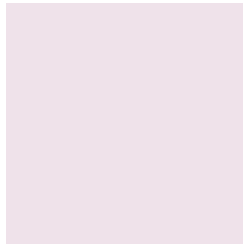
40, 68.770, 351.579



9, 30.891, 347.245

Previews

White Background



This preview shows how the CIELCh color 91, 6.250, 338.257 looks on a white background.

Color Contrast Check

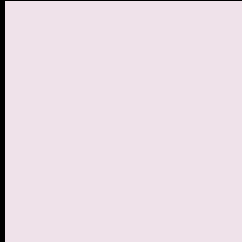
Large Text (above 18pt) WCAG AA × Fail

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 91, 6.250, 338.257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

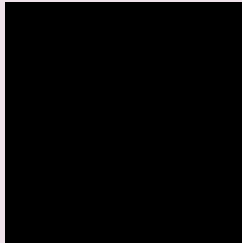
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

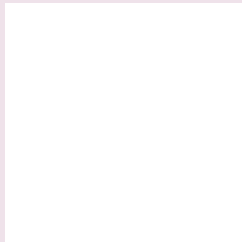
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 6.250, 338.257

Background



This preview shows how black text looks on a background with the CIELCh color 91, 6.250, 338.257.



This preview shows how white text looks on a background with the CIELCh color 91, 6.250, 338.257.

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](#).

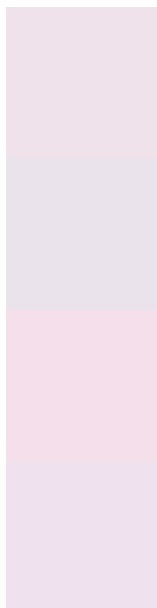
Dichromacy





Tritanopia
91, 10.962, 321.734

Trichromacy



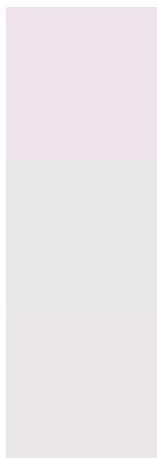
Original Color
91, 6.250, 338.257

Protanomaly
91, 4.866, 321.113

Deuteranomaly
91, 9.753, 344.358

Tritanomaly
91, 9.039, 326.605

Monochromacy



Original Color
91, 6.250, 338.257

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 2.383, 338.616

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 6.250, 338.257 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(239, 226, 234)` looks like.

```
.text, #text, p{  
    color:rgb(239, 226, 234)  
}
```

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(239, 226, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 226, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 6.250, 338.257 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(239, 226, 234) }
```

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

```
.border{ border-color:rgb(239, 226, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 226, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 226, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 226, 234);  
box-shadow:4px 4px 4px 4px rgb(239, 226,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 6.250, 338.257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 226, 234) }
```

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

```
.background{ background-color: rgb(239,  
226, 234) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor