

Converting Colors

CIELCh(91, 6.262, 33.096)

Have a look what the booklet for
CIELCh(91, 6.262, 33.096) contains.

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Color

CIELCh(91, 6.011, 34.610)

Conversions

Conversions Part 1

Format	Color
Hex	F2E2DF
RGB	242, 226, 223
RGB Percent	95%, 89%, 87%
CMY	0.0516, 0.1143, 0.1261
CMYK	0.00, 0.07, 0.08, 0.05
HSL	9°, 42%, 91%
HSV	9°, 8%, 95%
XYZ	77.0224, 78.4833, 80.7978
YIQ	230.4420, 10.4990, 2.4590

Conversions

Conversions Part 2

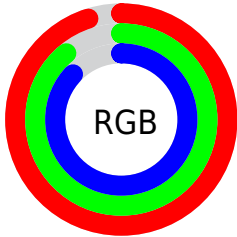
Format	Color
R_{YB}	242, 227, 223
Decimal	15917791
CIE _{Lab}	91.00, 4.95, 3.41
CIE _{LCh}	91, 6.011, 34.610
Yxy	78.4833, 0.3259, 0.3321
Android (android.graphics.Color)	4294107871 (0xFFFF2E2DF)
YUV	230.4420, -3.6689, 10.1364
Hunter-Lab	88.5908, 0.1571, 7.9391

Details

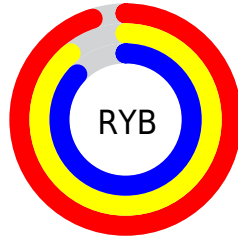
The CIELCh color **91, 6.011, 34.610** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **93, 5.717, 214.910**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 5.989, 35.569** is the 20% darker color. If you saturate the color by 10%, you get **85, 14.247, 34.794**, and if you desaturate by 10%, it is **97, 1.578, 215.156**.

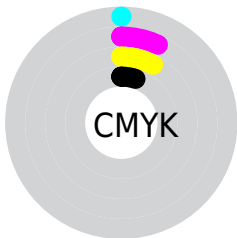
Distribution



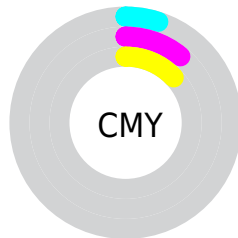
- Red (95%)
- Green (89%)
- Blue (87%)



- Red (95%)
- Yellow (89%)
- Blue (87%)



- Cyan (0%)
- Magenta (7%)
- Yellow (8%)
- Black (5%)




- Cyan (5%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 6.011, 34.610 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, 6.011, 34.610 by changing the saturation by 10% instead.

 91, 6.011, 34.610	 91, 6.011, 34.610
 100, 6.011, 34.610	 81, 6.011, 34.610
	 71, 6.011, 34.610
	 61, 6.011, 34.610
	 51, 6.011, 34.610
	 41, 6.011, 34.610
	 31, 6.011, 34.610
	 21, 6.011, 34.610
	 11, 6.011, 34.610
	 1, 6.011, 34.610

91, 6.011, 34.610

91, 6.011, 34.610

85, 14.247, 34.794

97, 1.578, 215.156

80, 23.186, 35.058

99, 4.533, 199.264

75, 32.859, 35.506

70, 43.257, 36.191

65, 54.302, 37.160

61, 65.799, 38.429

57, 77.331, 39.918

55, 87.977, 41.302

52, 95.929, 41.878

Harmonies

Complementary

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



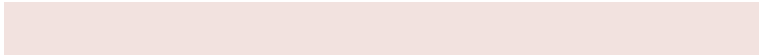
91, 6.011, 34.610



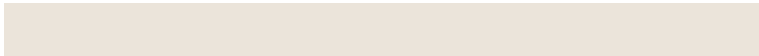
93, 5.717, 214.910

Rectangle

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



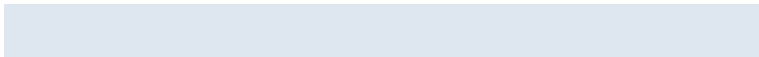
91, 6.011, 34.610



91, 6.011, 84.610



91, 6.011, 214.610



91, 6.011, 264.610

Sweetspot

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



91, 6.010, 34.634



99, 1.558, 34.311



91, 10.796, 329.282



53, 0.886, 34.289



0, 0.000, 0.000



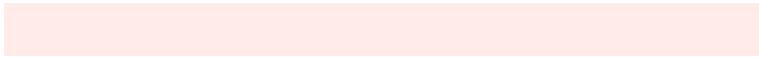
53, 0.007, 296.813

Same Dimension

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



91, 6.010, 34.634



95, 7.224, 34.653



93, 6.770, 88.742



47, 4.345, 34.660



40, 78.791, 42.359



9, 26.821, 32.629

Inverse Universe

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



93, 5.717, 214.910



97, 6.817, 214.911



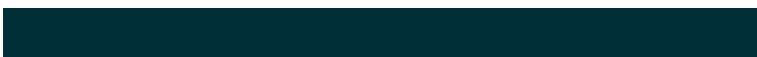
91, 6.765, 270.840



49, 4.088, 214.913



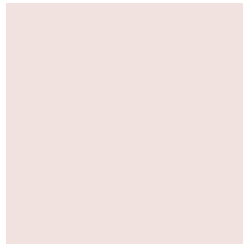
59, 34.024, 226.404



17, 14.921, 221.680

Previews

White Background



This preview shows how the CIELCh color 91, 6.011, 34.610 looks on a white background.

Color Contrast Check

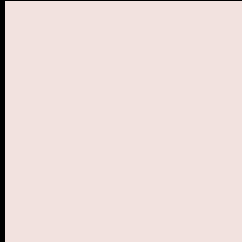
Large Text (above 18pt) WCAG AA × Fail

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, 6.011, 34.610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

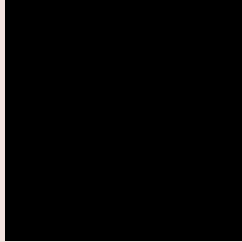
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

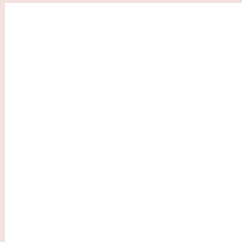
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 6.011, 34.610

Background



This preview shows how black text looks on a background with the CIELCh color 91, 6.011, 34.610.

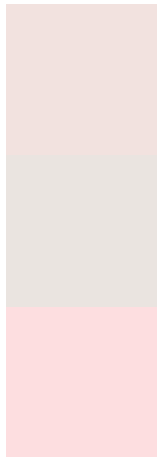


This preview shows how white text looks on a background with the CIELCh color 91, 6.011, 34.610.

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, 6.011, 34.610

Protanopia

91, 2.974, 63.293

Deuteranopia

91, 11.384, 14.988



Tritanopia
91, 11.981, 329.097

Trichromacy



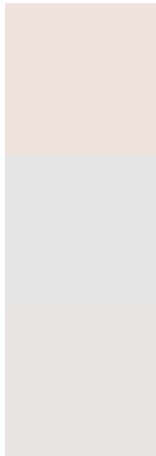
Original Color
91, 6.011, 34.610

Protanomaly
91, 3.920, 42.757

Deuteranomaly
91, 9.499, 16.914

Tritanomaly
91, 8.576, 342.844

Monochromacy



Original Color
91, 6.011, 34.610

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 2.208, 32.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 6.011, 34.610 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, 226, 223)` looks like.

```
.text, #text, p{  
    color:rgb(242, 226, 223)  
}
```

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, 226, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 226, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 6.011, 34.610 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, 226, 223) }
```

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

```
.border{ border-color:rgb(242, 226, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 226, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 226, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 226, 223);  
box-shadow:4px 4px 4px 4px rgb(242, 226,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 6.011, 34.610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 226, 223) }
```

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

```
.background{ background-color: rgb(242,  
226, 223) }
```

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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