

Converting Colors

CIELCh(91, 6.124, 20.672)

Have a look what the booklet for
CIELCh(91, 6.124, 20.672) contains.

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Color

CIELCh(91, 6.160, 19.741)

Conversions

Conversions Part 1

Format	Color
Hex	F2E1E1
RGB	242, 225, 225
RGB Percent	95%, 88%, 88%
CMY	0.0493, 0.1160, 0.1160
CMYK	0.00, 0.07, 0.07, 0.05
HSL	0°, 40%, 92%
HSV	0°, 7%, 95%
XYZ	77.4449, 78.4833, 82.5961
YIQ	230.0830, 10.1320, 3.6040

Conversions

Conversions Part 2

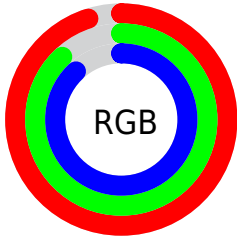
Format	Color
R_{YB}	242, 225, 225
Decimal	15917537
CIE _{Lab}	91.00, 5.80, 2.08
CIE _{LCh}	91, 6.160, 19.741
Yxy	78.4833, 0.3247, 0.3290
Android (android.graphics.Color)	4294107617 (0xFFFF2E1E1)
YUV	230.0830, -2.5059, 10.4512
Hunter-Lab	88.5908, 1.0083, 6.7356

Details

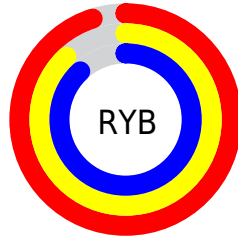
The CIELCh color **91, 6.160, 19.741** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **94, 5.892, 199.147**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 6.126, 19.858** is the 20% darker color. If you saturate the color by 10%, you get **85, 15.543, 20.589**, and if you desaturate by 10%, it is **98, 2.517, 199.523**.

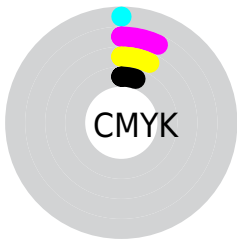
Distribution



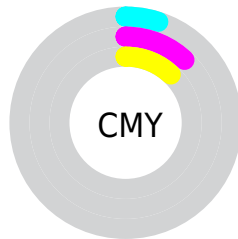
- Red (95%)
- Green (88%)
- Blue (88%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 6.160, 19.741 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, 6.160, 19.741 by changing the saturation by 10% instead.

91, 6.160, 19.741

91, 6.160, 19.741

100, 6.160, 19.741

81, 6.160, 19.741

71, 6.160, 19.741

61, 6.160, 19.741

51, 6.160, 19.741

41, 6.160, 19.741

31, 6.160, 19.741

21, 6.160, 19.741

11, 6.160, 19.741

1, 6.160, 19.741

91, 6.160, 19.741

91, 6.160, 19.741

85, 15.543, 20.589

98, 2.517, 199.523

78, 25.658, 21.601

99, 4.340, 199.283

72, 36.467, 22.912

67, 47.850, 24.627

62, 59.577, 26.862

57, 71.296, 29.704

54, 82.516, 33.115

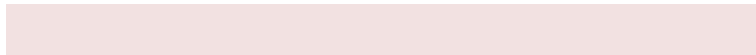
52, 92.390, 36.691

51, 99.096, 39.366

Harmonies

Complementary

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



91, 6.160, 19.741



94, 5.892, 199.147

Rectangle

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



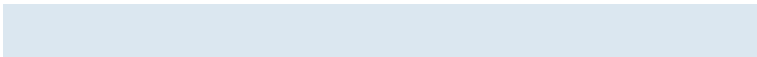
91, 6.160, 19.741



91, 6.160, 69.741



91, 6.160, 199.741



91, 6.160, 249.741

Sweetspot

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



91, 6.158, 19.761



99, 1.794, 19.179



91, 10.709, 324.801



53, 1.020, 19.154



0, 0.000, 0.000



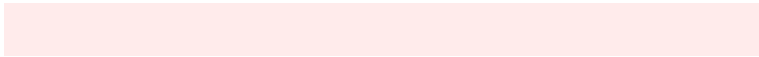
53, 0.007, 296.813

Same Dimension

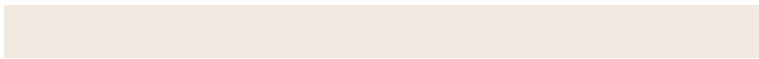
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 6.158, 19.761



94, 7.347, 19.843



93, 5.326, 74.483



48, 5.079, 19.960



39, 82.547, 40.002



8, 31.019, 25.020

Inverse Universe

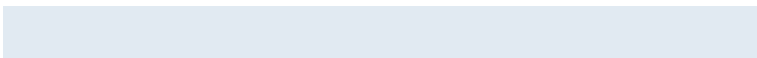
The Inverse Universe completely reimagines the original color for something new.



94, 5.892, 199.147



99, 6.983, 199.080



92, 5.248, 256.399



50, 4.782, 198.987



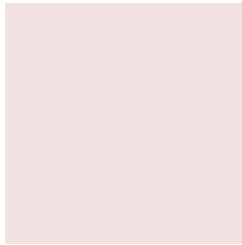
69, 39.546, 196.425



22, 17.584, 196.420

Previews

White Background



This preview shows how the CIELCh color 91, 6.160, 19.741 looks on a white background.

Color Contrast Check

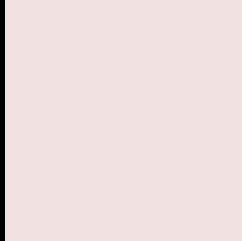
Large Text (above 18pt) WCAG AA × Fail

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, 6.160, 19.741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

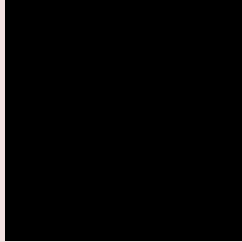
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

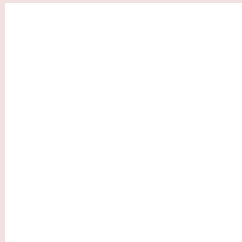
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 6.160, 19.741

Background



This preview shows how black text looks on a background with the CIELCh color 91, 6.160, 19.741.



This preview shows how white text looks on a background with the CIELCh color 91, 6.160, 19.741.

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](#).

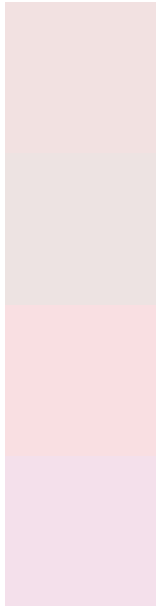
Dichromacy





Tritanopia
91, 12.205, 330.426

Trichromacy



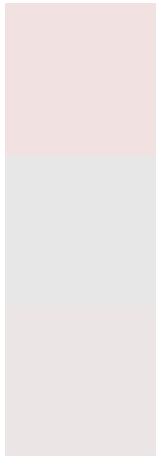
Original Color
91, 6.160, 19.741

Protanomaly
91, 3.635, 27.653

Deuteranomaly
91, 9.584, 10.752

Tritanomaly
91, 9.172, 341.657

Monochromacy



Original Color
91, 6.160, 19.741

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 2.149, 19.270

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 6.160, 19.741 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, 225)` looks like.

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

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, 225) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 91, 6.160, 19.741 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, 225) }
```

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

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

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, 225) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 91, 6.160, 19.741 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, 225) }
```

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

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

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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