

Converting Colors

CIE LCh(91, 6.561, 354.208)

Have a look what the booklet for
CIELCh(91, 6.561, 354.208) contains.

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Color

CIELCh(91, 6.870, 352.973)

Conversions

Conversions Part 1

Format	Color
Hex	F2E1E7
RGB	242, 225, 231
RGB Percent	95%, 88%, 91%
CMY	0.0510, 0.1177, 0.0942
CMYK	0.00, 0.07, 0.05, 0.05
HSL	339°, 40%, 92%
HSV	339°, 7%, 95%
XYZ	77.9536, 78.4833, 86.6283
YIQ	230.7670, 8.2060, 5.4700

Conversions

Conversions Part 2

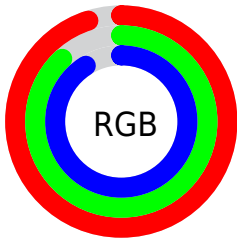
Format	Color
R_{YB}	242, 225, 231
Decimal	15917543
CIE Lab	91.00, 6.82, -0.84
CIE LCh	91, 6.870, 352.973
Yxy	78.4833, 0.3207, 0.3229
Android (android.graphics.Color)	4294107623 (0xFFFF2E1E7)
YUV	230.7670, 0.1149, 9.8513
Hunter-Lab	88.5908, 2.0334, 4.0370

Details

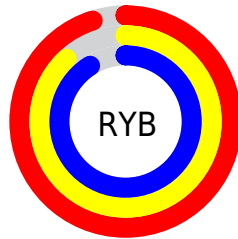
The CIELCh color `91, 6.870, 352.973` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `94, 6.748, 171.846`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 6.663, 355.836` is the 20% darker color. If you saturate the color by 10%, you get `85, 16.935, 354.061`, and if you desaturate by 10%, it is `97, 2.843, 172.338`.

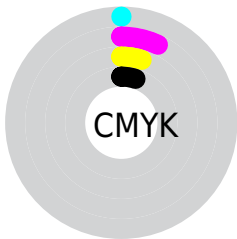
Distribution



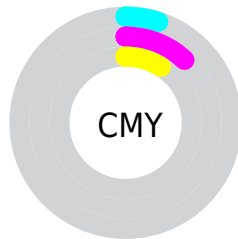
- Red (95%)
- Green (88%)
- Blue (91%)



- Red (95%)
- Yellow (88%)
- Blue (91%)



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



- Cyan (5%)
- Magenta (12%)
- Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 6.870, 352.973 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, 6.870, 352.973 by changing the saturation by 10% instead.

 91, 6.870, 352.973

 91, 6.870, 352.973

 100, 6.870,
352.973

 81, 6.870, 352.973

 71, 6.870, 352.973

 61, 6.870, 352.973

 51, 6.870, 352.973

 41, 6.870, 352.973

 31, 6.870, 352.973

 21, 6.870, 352.973

 11, 6.870, 352.973

 1, 6.870, 352.973

91, 6.870, 352.973

91, 6.870, 352.973

85, 16.935,
354.061

97, 2.843, 172.338

99, 4.488, 199.268

79, 27.267,
355.264

73, 37.688,
356.671

67, 47.920,
358.357

63, 57.563, 0.430

58, 66.124, 3.030

55, 73.124, 6.334

53, 78.296, 10.516

52, 81.829, 15.647

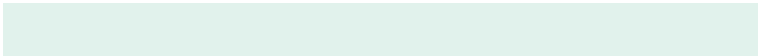
Harmonies

Complementary

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



91, 6.870, 352.973



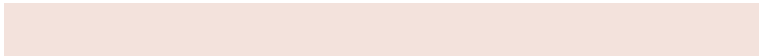
94, 6.748, 171.846

Rectangle

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



91, 6.870, 352.973



91, 6.870, 42.973



91, 6.870, 172.973



91, 6.870, 222.973

Sweetspot

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



91, 6.868, 352.983



99, 2.025, 352.318



91, 9.645, 313.858



53, 1.151, 352.295



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

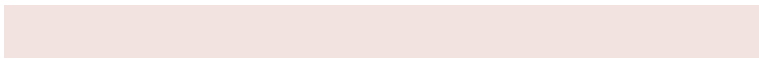
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 6.868, 352.983



95, 8.176, 353.090



91, 5.457, 32.015



47, 5.537, 353.243



39, 67.054, 16.183



8, 28.760, 6.884

Inverse Universe

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



91, 6.868, 352.983



95, 8.176, 353.090



94, 5.217, 212.150



47, 5.537, 353.243



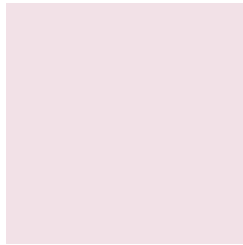
39, 67.054, 16.183



8, 28.760, 6.884

Previews

White Background



This preview shows how the CIELCh color 91, 6.870, 352.973 looks on a white background.

Color Contrast Check

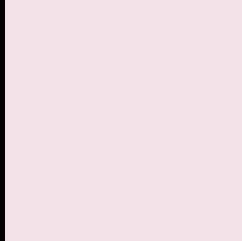
Large Text (above 18pt) WCAG AA × Fail

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, 6.870, 352.973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

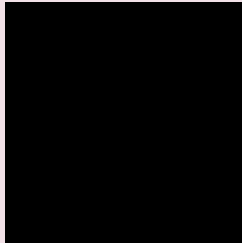
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

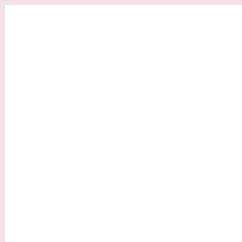
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 6.870, 352.973

Background



This preview shows how black text looks on a background with the CIELCh color 91, 6.870, 352.973.



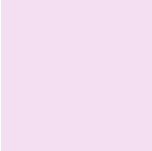
This preview shows how white text looks on a background with the CIELCh color 91, 6.870, 352.973.

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](#).

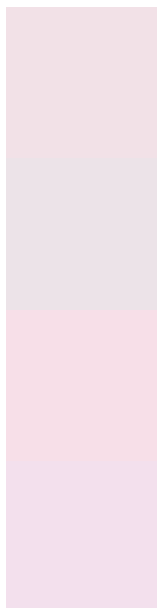
Dichromacy





Tritanopia
91, 11.764, 327.722

Trichromacy



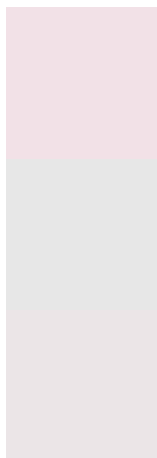
Original Color
91, 6.870, 352.973

Protanomaly
91, 4.151, 340.967

Deuteranomaly
91, 9.830, 351.831

Tritanomaly
91, 9.586, 335.434

Monochromacy



Original Color
91, 6.870, 352.973

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 2.393, 353.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 6.870, 352.973 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(242, 225, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 225, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 6.870, 352.973 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, 231) }
```

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

```
.border{ border-color:rgb(242, 225, 231) }
```

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, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 225, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 225, 231);  
box-shadow:4px 4px 4px 4px rgb(242, 225,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 6.870, 352.973 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, 231) }
```

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

```
.background{ background-color: rgb(242,  
225, 231) }
```

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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