

Converting Colors

CIELCh(91, 11.698, 16.180)

Have a look what the booklet for
CIELCh(91, 11.698, 16.180) contains.

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Color

CIELCh(91, 11.741, 17.688)

Conversions

Conversions Part 1

Format	Color
Hex	FEDEDF
RGB	254, 222, 223
RGB Percent	100%, 87%, 87%
CMY	0.0047, 0.1302, 0.1263
CMYK	0.00, 0.13, 0.12, 0.00
HSL	358°, 93%, 93%
HSV	358°, 13%, 100%
XYZ	80.1564, 78.4833, 80.5930
YIQ	231.6820, 18.7510, 7.0950

Conversions

Conversions Part 2

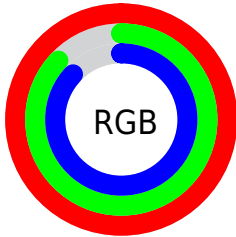
Format	Color
RYB	254, 222, 223
Decimal	16703199
CIELab	91.00, 11.19, 3.57
CIElCh	91, 11.741, 17.688
Yxy	78.4833, 0.3351, 0.3281
Android (android.graphics.Color)	4294893279 (0xFFFEDEF)
YUV	231.6820, -4.2802, 19.5729
Hunter-Lab	88.5908, 6.4718, 8.0762

Details

The CIELCh color **91, 11.741, 17.688** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 10.874, 196.084**, 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, 11.651, 17.742** is the 20% darker color. If you saturate the color by 10%, you get **84, 21.854, 18.688**, and if you desaturate by 10%, it is **98, 2.337, 16.713**.

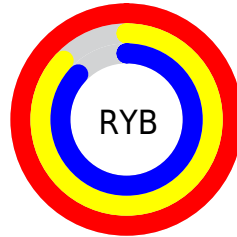
Distribution



Red (100%)

Green (87%)

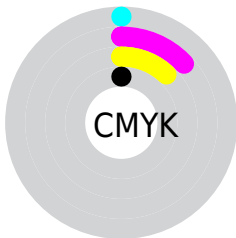
Blue (87%)



Red (100%)

Yellow (87%)

Blue (87%)

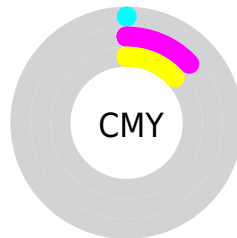


Cyan (0%)

Magenta (13%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 11.741, 17.688 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, 11.741, 17.688 by changing the saturation by 10% instead.

 91, 11.741, 17.688

 91, 11.741, 17.688

 100, 11.741,
17.688

 81, 11.741, 17.688

 71, 11.741, 17.688

 61, 11.741, 17.688

 51, 11.741, 17.688

 41, 11.741, 17.688

 31, 11.741, 17.688

 21, 11.741, 17.688

 11, 11.741, 17.688

 1, 11.741, 17.688

91, 11.741, 17.688

91, 11.741, 17.688

84, 21.854, 18.688

98, 2.337, 16.713

78, 32.660, 19.932

100, 0.419,
200.960

72, 44.061, 21.533

67, 55.854, 23.608

62, 67.723, 26.274

58, 79.254, 29.599

55, 89.916, 33.452

54, 98.718, 37.221

53, 102.993,
39.147

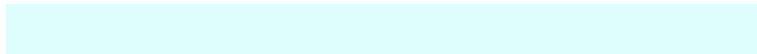
Harmonies

Complementary

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



91, 11.741, 17.688



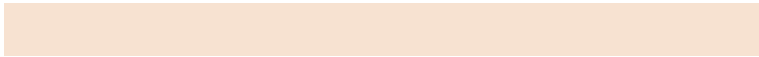
97, 10.874, 196.084

Rectangle

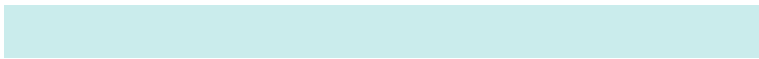
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



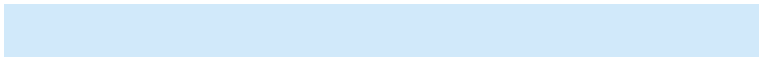
91, 11.741, 17.688



91, 11.741, 67.688



91, 11.741, 197.688



91, 11.741, 247.688

Sweetspot

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



91, 11.739, 17.699



97, 3.621, 16.908



92, 19.831, 324.205



51, 2.580, 16.990



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

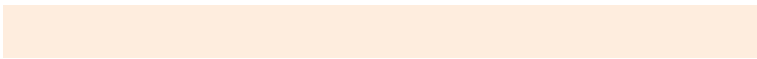
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 11.739, 17.699



90, 14.151, 17.918



95, 9.879, 70.186



49, 5.253, 17.425



40, 82.865, 38.796



10, 33.112, 25.933

Inverse Universe

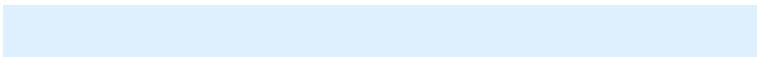
The Inverse Universe completely reimagines the original color for something new.



91, 11.739, 17.699



90, 14.151, 17.918



94, 9.507, 253.420



49, 5.253, 17.425



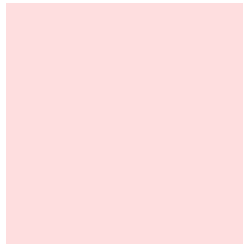
40, 82.865, 38.796



10, 33.112, 25.933

Previews

White Background



This preview shows how the CIE LCh color 91, 11.741, 17.688 looks on a white background.

Color Contrast Check

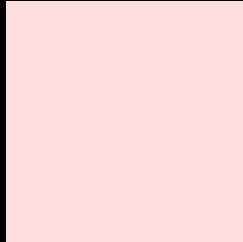
Large Text (above 18pt) WCAG AA × Fail

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, 11.741, 17.688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

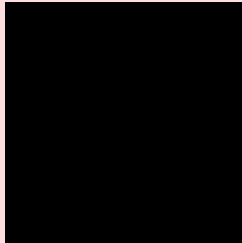
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

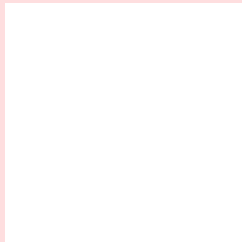
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 11.741, 17.688

Background



This preview shows how black text looks on a background with the CIELCh color 91, 11.741, 17.688.

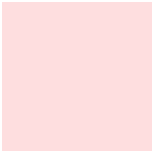
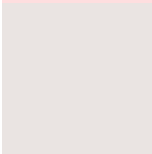
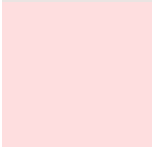


This preview shows how white text looks on a background with the CIELCh color 91, 11.741, 17.688.

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, 11.741, 17.688
	Protanopia 91, 2.379, 45.018
	Deuteranopia 91, 11.741, 17.688



Tritanopia
91, 15.341, 345.597

Trichromacy



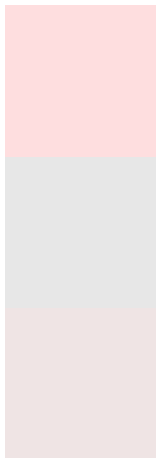
Original Color
91, 11.741, 17.688

Protanomaly
91, 5.452, 25.100

Deuteranomaly
91, 11.741, 17.688

Tritanomaly
91, 13.547, 355.617

Monochromacy



Original Color
91, 11.741, 17.688

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 3.958, 19.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 11.741, 17.688 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(254, 222, 223)` looks like.

```
.text, #text, p{  
    color:rgb(254, 222, 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(254, 222, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 222, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 11.741, 17.688 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(254, 222, 223) }
```

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

```
.border{ border-color:rgb(254, 222, 223) }
```

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

Here you see how a box with a 4 pixel rgb(254, 222, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 222, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 222, 223);  
box-shadow:4px 4px 4px 4px rgb(254, 222,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 11.741, 17.688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 222, 223) }
```

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

```
.background{ background-color: rgb(254,  
222, 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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