

Converting Colors

CIELCh(91, 18.460, 68.011)

Have a look what the booklet for
CIELCh(91, 18.460, 68.011) contains.

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Color

CIELCh(91, 18.378, 68.869)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0C5
RGB	255, 224, 197
RGB Percent	100%, 88%, 77%
CMY	0.0006, 0.1221, 0.2280
CMYK	0.00, 0.12, 0.23, 0.00
HSL	28°, 99%, 89%
HSV	28°, 23%, 100%
XYZ	77.8572, 78.4833, 63.7784
YIQ	230.1910, 27.1430, -1.8250

Conversions

Conversions Part 2

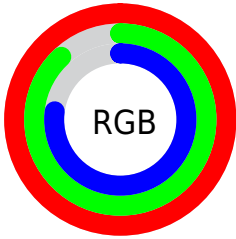
Format	Color
R _Y B	255, 248, 197
Decimal	16769221
CIE Lab	91.00, 6.63, 17.14
CIE LCh	91, 18.378, 68.869
Yxy	78.4833, 0.3537, 0.3565
Android (android.graphics.Color)	4294959301 (0xFFFFE0C5)
YUV	230.1910, -16.3632, 21.7575
Hunter-Lab	88.5908, 1.8391, 19.3295

Details

The CIELCh color **91, 18.378, 68.869** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 17.049, 254.902**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **71, 18.560, 69.096** is the 20% darker color. If you saturate the color by 10%, you get **87, 27.183, 67.692**, and if you desaturate by 10%, it is **95, 10.029, 70.051**.

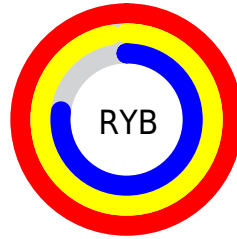
Distribution



Red (100%)

Green (88%)

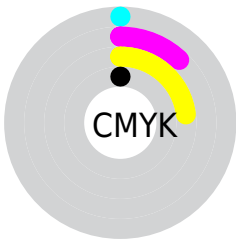
Blue (77%)



Red (100%)

Yellow (97%)

Blue (77%)

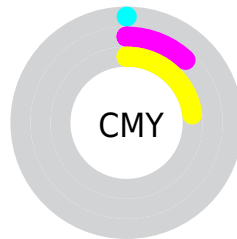


Cyan (0%)

Magenta (12%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 18.378, 68.869 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, 18.378, 68.869 by changing the saturation by 10% instead.

 91, 18.378, 68.869

 91, 18.378, 68.869

 100, 18.378,
68.869

 81, 18.378, 68.869

 71, 18.378, 68.869

 61, 18.378, 68.869

 51, 18.378, 68.869

 41, 18.378, 68.869

 31, 18.378, 68.869

 21, 18.378, 68.869

 11, 18.378, 68.869

 1, 18.378, 68.869

91, 18.378, 68.869

91, 18.378, 68.869

87, 27.183, 67.692

95, 10.029, 70.051

83, 36.455, 66.505

99, 2.106, 71.058

80, 46.157, 65.319

100, 0.055,
211.615

76, 56.164, 64.110

73, 66.163, 62.805

70, 75.498, 61.234

67, 83.016, 59.066

65, 86.947, 57.041

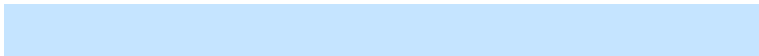
Harmonies

Complementary

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



91, 18.378, 68.869



89, 17.049, 254.902

Rectangle

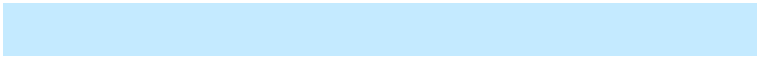
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 18.378, 68.869



91, 18.378, 118.869



91, 18.378, 248.869



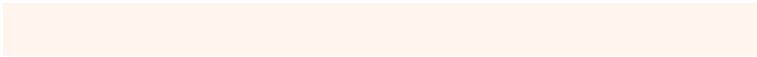
91, 18.378, 298.869

Sweetspot

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



91, 18.378, 68.879



97, 5.422, 70.695



85, 26.717, 342.985



52, 3.529, 70.630



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, 18.378, 68.879



89, 22.070, 68.375



98, 27.856, 105.781



51, 4.434, 70.421



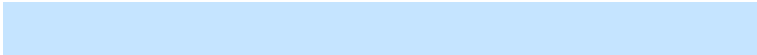
50, 69.751, 57.750



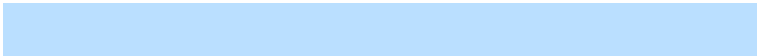
15, 27.079, 58.424

Inverse Universe

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



89, 17.049, 254.902



87, 20.151, 255.672



82, 29.232, 290.856



51, 4.312, 252.876



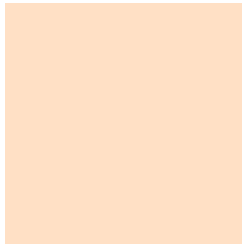
43, 54.383, 280.604



13, 22.307, 273.789

Previews

White Background



This preview shows how the CIE LCh color 91, 18.378, 68.869 looks on a white background.

Color Contrast Check

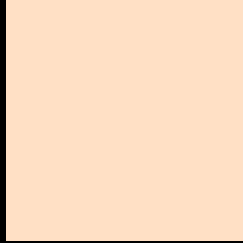
Large Text (above 18pt) WCAG AA × Fail

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, 18.378, 68.869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

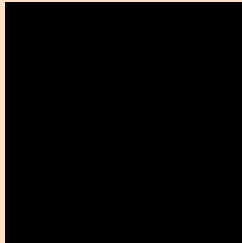
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 18.378, 68.869

Background



This preview shows how black text looks on a background with the CIELCh color 91, 18.378, 68.869.



This preview shows how white text looks on a background with the CIELCh color 91, 18.378, 68.869.

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, 18.378, 68.869

Protanopia

91, 16.013, 93.890

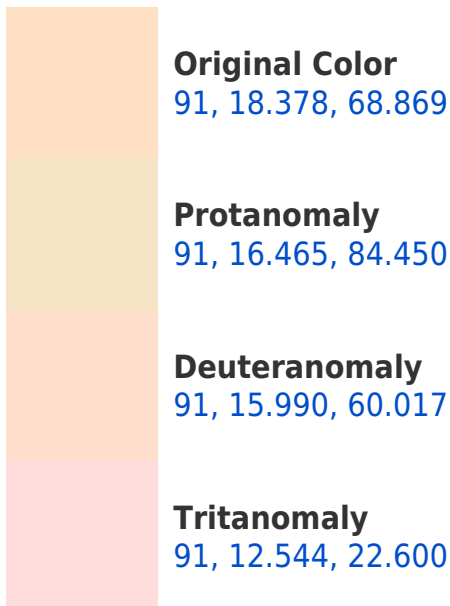
Deuteranopia

91, 14.973, 55.751



Tritanopia
91, 14.550, 350.672

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 18.378, 68.869 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(255, 224, 197)` looks like.

```
.text, #text, p{  
  color:rgb(255, 224, 197)  
}
```

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(255, 224, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 18.378, 68.869 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(255, 224, 197) }
```

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

```
.border{ border-color:rgb(255, 224, 197) }
```

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

Here you see how a box with a 4 pixel rgb(255, 224, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 18.378, 68.869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 197) }
```

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

```
.background{ background-color: rgb(255,  
224, 197) }
```

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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