

Converting Colors

CIELCh(91, 20.167, 72.095)

Have a look what the booklet for
CIELCh(91, 20.167, 72.095) contains.

CIELCh(91, 20.050, 72.370)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(91, 20.050, 72.370)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0C1
RGB	255, 224, 193
RGB Percent	100%, 88%, 76%
CMY	0.0000, 0.1212, 0.2428
CMYK	0.00, 0.12, 0.24, 0.00
HSL	30°, 100%, 88%
HSV	30°, 24%, 100%
XYZ	77.5815, 78.4833, 61.5567
YIQ	229.7350, 28.4270, -3.0690

Conversions

Conversions Part 2

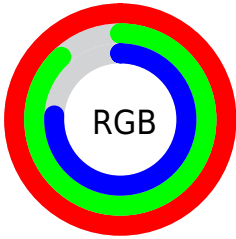
Format	Color
R _Y B	255, 255, 193
Decimal	16769217
CIE Lab	91.00, 6.07, 19.11
CIE LCh	91, 20.050, 72.370
Yxy	78.4833, 0.3565, 0.3606
Android (android.graphics.Color)	4294959297 (0xFFFFE0C1)
YUV	229.7350, -18.1104, 22.1574
Hunter-Lab	88.5908, 1.2837, 20.8163

Details

The CIELCh color **91, 20.050, 72.370** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **88, 18.753, 259.174**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.525, 109.959**, and **71, 20.339, 72.610** is the 20% darker color. If you saturate the color by 10%, you get **87, 28.966, 71.183**, and if you desaturate by 10%, it is **95, 11.504, 73.698**.

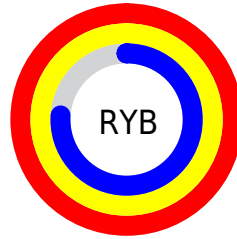
Distribution



Red (100%)

Green (88%)

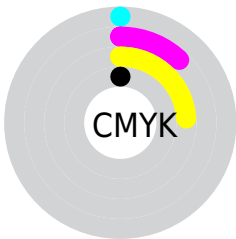
Blue (76%)



Red (100%)

Yellow (100%)

Blue (76%)

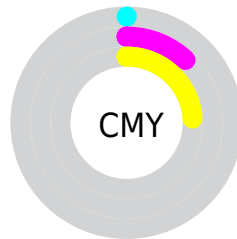


Cyan (0%)

Magenta (12%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 20.050, 72.370 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, 20.050, 72.370 by changing the saturation by 10% instead.

 91, 20.050, 72.370

 91, 20.050, 72.370

 100, 20.050,
72.370

 81, 20.050, 72.370

 71, 20.050, 72.370

 61, 20.050, 72.370

 51, 20.050, 72.370

 41, 20.050, 72.370

 31, 20.050, 72.370

 21, 20.050, 72.370

 11, 20.050, 72.370

 1, 20.050, 72.370

91, 20.050, 72.370

91, 20.050, 72.370

87, 28.966, 71.183

95, 11.504, 73.698

84, 38.305, 69.901

98, 3.366, 74.847

81, 47.988, 68.599

100, 0.012,
296.813

77, 57.848, 67.248

74, 67.511, 65.766

71, 76.233, 63.970

68, 82.838, 61.531

67, 85.570, 59.846

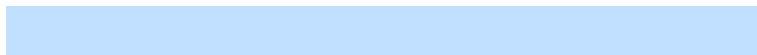
Harmonies

Complementary

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



91, 20.050, 72.370



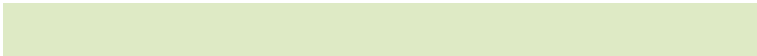
88, 18.753, 259.174

Rectangle

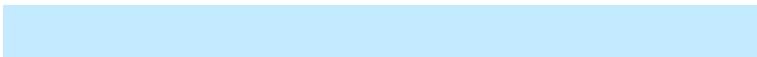
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 20.050, 72.370



91, 20.050, 122.370



91, 20.050, 252.370



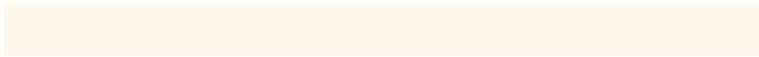
91, 20.050, 302.370

Sweetspot

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



91, 20.031, 72.452



97, 5.540, 74.564



84, 27.656, 345.855



52, 3.605, 74.496



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, 20.031, 72.452



89, 24.194, 71.856



99, 31.182, 107.806



51, 4.527, 74.275



51, 68.670, 60.555



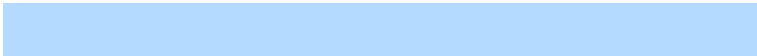
16, 27.010, 61.903

Inverse Universe

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



88, 18.753, 259.174



86, 22.325, 260.076



80, 33.039, 293.058



51, 4.428, 256.810



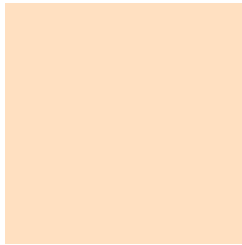
41, 58.398, 284.262



12, 23.765, 277.713

Previews

White Background



This preview shows how the CIE LCh color 91, 20.050, 72.370 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, 20.050, 72.370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

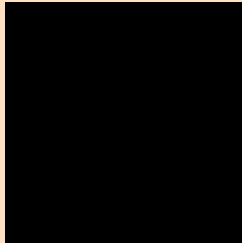
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 20.050, 72.370

Background



This preview shows how black text looks on a background with the CIELCh color 91, 20.050, 72.370.

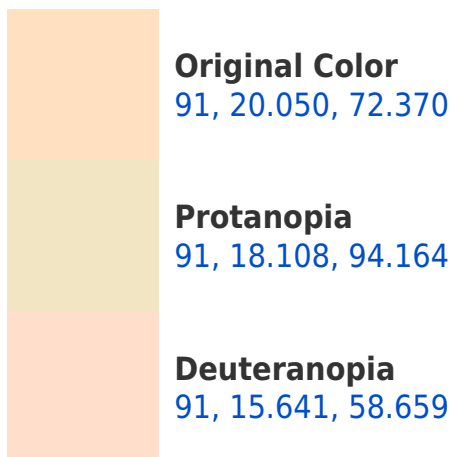



This preview shows how white text looks on a background with the CIELCh color 91, 20.050, 72.370.

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](#).

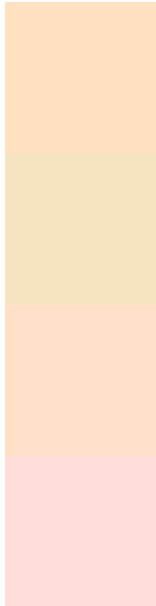
Dichromacy





Tritanopia
91, 14.550, 350.672

Trichromacy



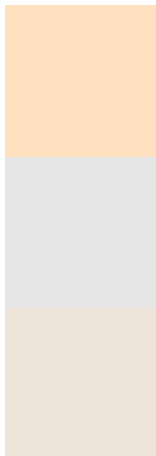
Original Color
91, 20.050, 72.370

Protanomaly
91, 18.530, 85.730

Deuteranomaly
91, 17.089, 63.736

Tritanomaly
91, 12.598, 24.928

Monochromacy



Original Color
91, 20.050, 72.370

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 6.946, 74.233

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 20.050, 72.370 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 20.050, 72.370 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, 193) }
```

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

```
.border{ border-color:rgb(255, 224, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 20.050, 72.370 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, 193) }
```

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

```
.background{ background-color: rgb(255,  
224, 193) }
```

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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