

Converting Colors

CIELCh(91, 21.153, 75.000)

Have a look what the booklet for
CIELCh(91, 21.153, 75.000) contains.

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Color

CIELCh(91, 20.912, 73.895)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0BF
RGB	255, 224, 191
RGB Percent	100%, 88%, 75%
CMY	0.0000, 0.1208, 0.2502
CMYK	0.00, 0.12, 0.25, 0.00
HSL	31°, 100%, 87%
HSV	31°, 25%, 100%
XYZ	77.4463, 78.4833, 60.4655
YIQ	229.5070, 29.0690, -3.6910

Conversions

Conversions Part 2

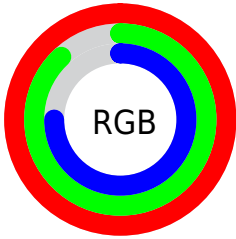
Format	Color
R _Y B	251, 255, 191
Decimal	16769215
CIE Lab	91.00, 5.80, 20.09
CIE LCh	91, 20.912, 73.895
Yxy	78.4833, 0.3579, 0.3627
Android (android.graphics.Color)	4294959295 (0xFFFFE0BF)
YUV	229.5070, -18.9840, 22.3574
Hunter-Lab	88.5908, 1.0113, 21.5466

Details

The CIELCh color **91, 20.912, 73.895** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 19.630, 261.114**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 4.046, 109.857**, and **71, 21.255, 74.128** is the 20% darker color. If you saturate the color by 10%, you get **88, 29.868, 72.779**, and if you desaturate by 10%, it is **95, 12.250, 75.352**.

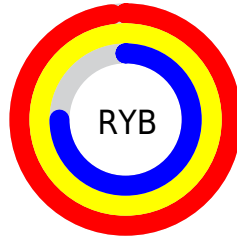
Distribution



Red (100%)

Green (88%)

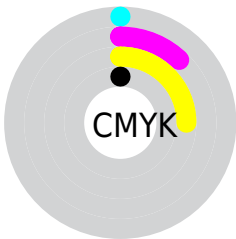
Blue (75%)



Red (98%)

Yellow (100%)

Blue (75%)

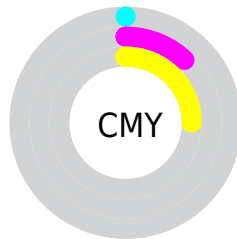


Cyan (0%)

Magenta (12%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 20.912, 73.895 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, 20.912, 73.895 by changing the saturation by 10% instead.

 91, 20.912, 73.895

 91, 20.912, 73.895

 100, 20.912,
73.895

 81, 20.912, 73.895

 71, 20.912, 73.895

 61, 20.912, 73.895

 51, 20.912, 73.895

 41, 20.912, 73.895

 31, 20.912, 73.895

 21, 20.912, 73.895

 11, 20.912, 73.895

 1, 20.912, 73.895

91, 20.912, 73.895

91, 20.912, 73.895

88, 29.868, 72.779

95, 12.250, 75.352

84, 39.240, 71.459

98, 4.003, 76.544

81, 48.912, 70.112

100, 0.012,
296.813

78, 58.695, 68.705

75, 68.182, 67.151

72, 76.590, 65.265

69, 82.741, 62.719

68, 84.977, 61.234

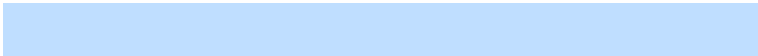
Harmonies

Complementary

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



91, 20.912, 73.895



87, 19.630, 261.114

Rectangle

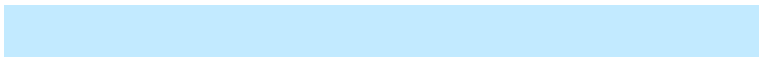
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 20.912, 73.895



91, 20.912, 123.895



91, 20.912, 253.895



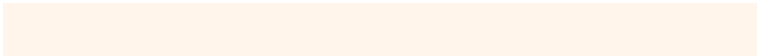
91, 20.912, 303.895

Sweetspot

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



91, 20.866, 74.079



97, 6.420, 76.211



84, 28.224, 346.882



51, 4.579, 76.032



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, 20.866, 74.079



89, 25.297, 73.435



99, 32.124, 108.456



51, 4.579, 76.032



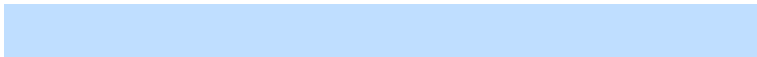
52, 68.223, 61.939



16, 27.013, 63.563

Inverse Universe

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



87, 19.630, 261.114



85, 23.474, 262.086



80, 34.107, 293.731



50, 4.489, 258.592



40, 60.357, 285.840



12, 24.487, 279.424

Previews

White Background



This preview shows how the CIELCh color 91, 20.912, 73.895 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, 20.912, 73.895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

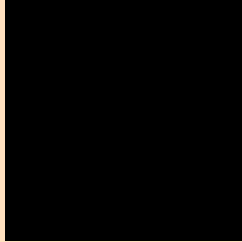
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 20.912, 73.895

Background



This preview shows how black text looks on a background with the CIELCh color 91, 20.912, 73.895.



This preview shows how white text looks on a background with the CIELCh color 91, 20.912, 73.895.

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, 20.912, 73.895

Protanopia

91, 19.205, 93.705

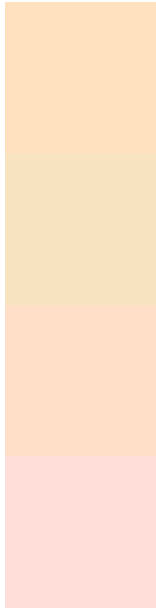
Deuteranopia

91, 15.641, 58.659



Tritanopia
91, 14.550, 350.672

Trichromacy



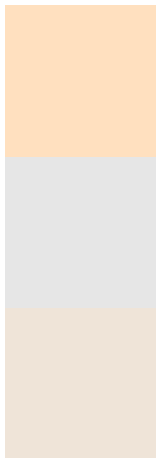
Original Color
91, 20.912, 73.895

Protanomaly
91, 19.642, 85.729

Deuteranomaly
91, 17.470, 64.866

Tritanomaly
91, 12.385, 29.759

Monochromacy



Original Color
91, 20.912, 73.895

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 7.378, 76.484

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 20.912, 73.895 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 20.912, 73.895 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, 191) }
```

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

```
.border{ border-color:rgb(255, 224, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 20.912, 73.895 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, 191) }
```

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

```
.background{ background-color: rgb(255,  
224, 191) }
```

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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