

Converting Colors

CIELCh(91, 24.636, 80.160)

Have a look what the booklet for
CIELCh(91, 24.636, 80.160) contains.

CIELCh(91, 24.725, 80.147)	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, 24.725, 80.147)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1B7
RGB	255, 225, 183
RGB Percent	100%, 88%, 72%
CMY	0.0002, 0.1179, 0.2826
CMYK	0.00, 0.12, 0.28, 0.00
HSL	35°, 100%, 86%
HSV	35°, 28%, 100%
XYZ	76.6679, 78.4833, 55.8762
YIQ	229.1820, 31.3620, -6.7020

Conversions

Conversions Part 2

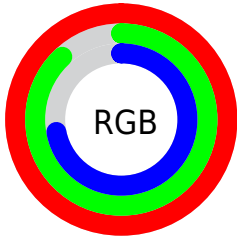
Format	Color
R_{YB}	234, 255, 183
Decimal	16769463
CIE _{Lab}	91.00, 4.23, 24.36
CIE _{LCh}	91, 24.725, 80.147
Yxy	78.4833, 0.3633, 0.3719
Android (android.graphics.Color)	4294959543 (0xFFFFE1B7)
YUV	229.1820, -22.7677, 22.6424
Hunter-Lab	88.5908, -0.5572, 24.6181

Details

The CIELCh color **91, 24.725, 80.147** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 23.772, 268.372**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 8.099, 109.562**, and **71, 24.590, 80.693** is the 20% darker color. If you saturate the color by 10%, you get **88, 34.027, 78.775**, and if you desaturate by 10%, it is **94, 15.704, 81.495**.

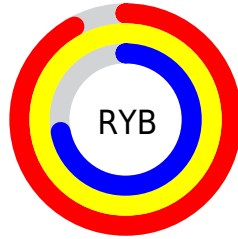
Distribution



Red (100%)

Green (88%)

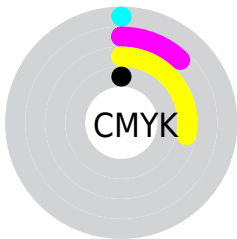
Blue (72%)



Red (92%)

Yellow (100%)

Blue (72%)

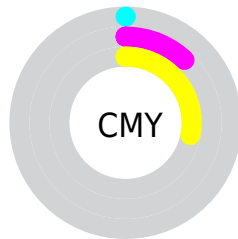


Cyan (0%)

Magenta (12%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 24.725, 80.147 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, 24.725, 80.147 by changing the saturation by 10% instead.

 91, 24.725, 80.147

 91, 24.725, 80.147

 100, 24.725,
80.147

 81, 24.725, 80.147

 71, 24.725, 80.147

 61, 24.725, 80.147

 51, 24.725, 80.147

 41, 24.725, 80.147

 31, 24.725, 80.147

 21, 24.725, 80.147

 11, 24.725, 80.147

 1, 24.725, 80.147

91, 24.725, 80.147

91, 24.725, 80.147

88, 34.027, 78.775

94, 15.704, 81.495

85, 43.553, 77.357

97, 6.973, 82.778

82, 53.167, 75.887

100, 0.023,
229.704

79, 62.583, 74.322

77, 71.242, 72.563

74, 78.222, 70.419

72, 82.547, 67.630

71, 83.182, 67.119

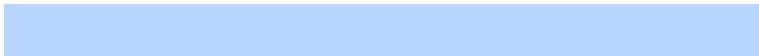
Harmonies

Complementary

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



91, 24.725, 80.147



84, 23.772, 268.372

Rectangle

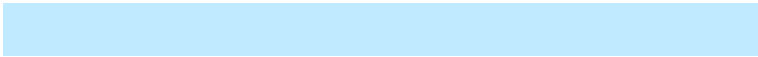
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 24.725, 80.147



91, 24.725, 130.147



91, 24.725, 260.147



91, 24.725, 310.147

Sweetspot

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



91, 24.726, 80.154



97, 6.768, 82.808



82, 30.728, 351.272



52, 4.823, 82.622



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

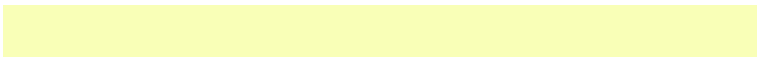
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 24.726, 80.154



89, 30.057, 79.364



98, 36.256, 111.059



52, 4.823, 82.622



55, 66.906, 67.778



18, 27.260, 70.212

Inverse Universe

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



84, 23.772, 268.372



81, 28.649, 269.565



77, 38.805, 296.412



50, 4.773, 265.210



37, 68.482, 291.324



10, 27.546, 285.464

Previews

White Background



This preview shows how the CIE LCh color 91, 24.725, 80.147 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, 24.725, 80.147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

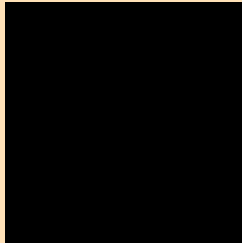
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 24.725, 80.147

Background



This preview shows how black text looks on a background with the CIELCh color 91, 24.725, 80.147.



This preview shows how white text looks on a background with the CIELCh color 91, 24.725, 80.147.

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, 24.725, 80.147

Protanopia

91, 23.295, 94.913

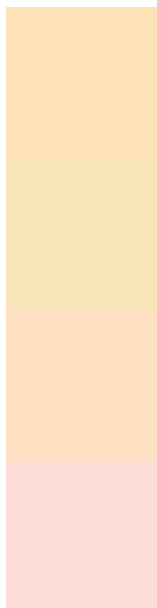
Deuteranopia

91, 16.715, 62.553



Tritanopia
91, 14.550, 350.672

Trichromacy



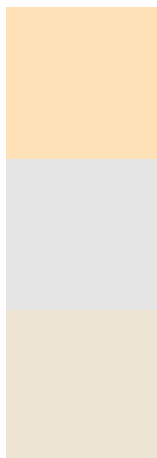
Original Color
91, 24.725, 80.147

Protanomaly
91, 23.857, 90.344

Deuteranomaly
91, 19.625, 71.554

Tritanomaly
91, 12.802, 36.508

Monochromacy



Original Color
91, 24.725, 80.147

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 9.035, 85.379

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 24.725, 80.147 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, 225, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 183)  
}
```

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, 225, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 24.725, 80.147 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, 225, 183) }
```

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

```
.border{ border-color:rgb(255, 225, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 24.725, 80.147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 183) }
```

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

```
.background{ background-color: rgb(255,  
225, 183) }
```

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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