

Converting Colors

CIELCh(91, 24.337, 79.283)

Have a look what the booklet for
CIELCh(91, 24.337, 79.283) contains.

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Color

CIELCh(91, 24.264, 79.647)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1B8
RGB	255, 225, 184
RGB Percent	100%, 88%, 72%
CMY	0.0005, 0.1181, 0.2789
CMYK	0.00, 0.12, 0.28, 0.00
HSL	35°, 100%, 86%
HSV	35°, 28%, 100%
XYZ	76.7319, 78.4833, 56.3921
YIQ	229.2960, 31.0410, -6.3910

Conversions

Conversions Part 2

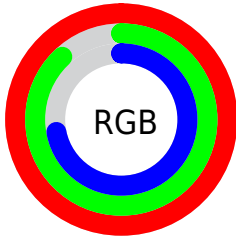
Format	Color
R _Y B	236, 255, 184
Decimal	16769464
CIE Lab	91.00, 4.36, 23.87
CIE LCh	91, 24.264, 79.647
Yxy	78.4833, 0.3626, 0.3709
Android (android.graphics.Color)	4294959544 (0xFFFFE1B8)
YUV	229.2960, -22.3309, 22.5424
Hunter-Lab	88.5908, -0.4281, 24.2727

Details

The CIELCh color **91, 24.264, 79.647** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 23.284, 267.742**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 7.593, 109.599**, and **71, 24.103, 80.200** is the 20% darker color. If you saturate the color by 10%, you get **88, 33.533, 78.280**, and if you desaturate by 10%, it is **94, 15.286, 80.991**.

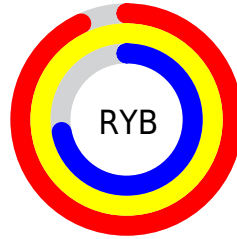
Distribution



Red (100%)

Green (88%)

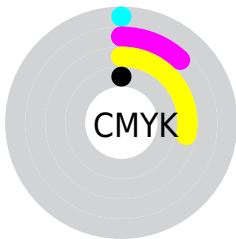
Blue (72%)



Red (93%)

Yellow (100%)

Blue (72%)

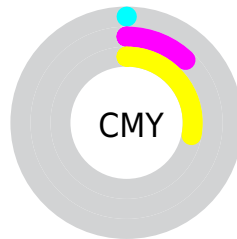


Cyan (0%)

Magenta (12%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 24.264, 79.647 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, 24.264, 79.647 by changing the saturation by 10% instead.

 91, 24.264, 79.647

 91, 24.264, 79.647

 100, 24.264,
79.647

 81, 24.264, 79.647

 71, 24.264, 79.647

 61, 24.264, 79.647

 51, 24.264, 79.647

 41, 24.264, 79.647

 31, 24.264, 79.647

 21, 24.264, 79.647

 11, 24.264, 79.647

 1, 24.264, 79.647

91, 24.264, 79.647

91, 24.264, 79.647

88, 33.533, 78.280

94, 15.286, 80.991

85, 43.041, 76.868

97, 6.605, 82.269

82, 52.661, 75.406

100, 0.041,
215.828

79, 62.115, 73.851

76, 70.864, 72.108

74, 77.999, 69.983

71, 82.494, 67.206

71, 83.285, 66.578

Harmonies

Complementary

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



91, 24.264, 79.647



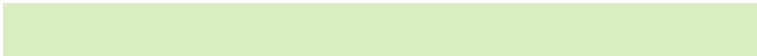
85, 23.284, 267.742

Rectangle

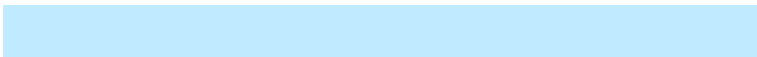
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 24.264, 79.647



91, 24.264, 129.647



91, 24.264, 259.647



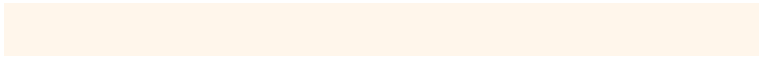
91, 24.264, 309.647

Sweetspot

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



91, 24.265, 79.654



97, 6.734, 82.251



82, 30.567, 350.187



52, 4.799, 82.065



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

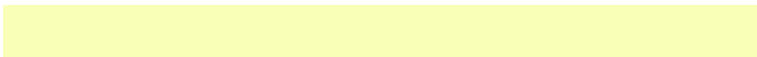
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 24.265, 79.654



89, 29.012, 78.951



98, 35.731, 110.369



52, 4.799, 82.065



54, 66.990, 67.243



17, 27.223, 69.624

Inverse Universe

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



85, 23.284, 267.742



82, 27.609, 268.798



77, 38.215, 295.804



50, 4.745, 264.655



37, 67.746, 290.885



10, 27.265, 284.975

Previews

White Background



This preview shows how the CIE LCh color 91, 24.264, 79.647 looks on a white background.

Color Contrast Check

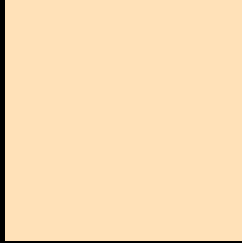
Large Text (above 18pt) WCAG AA × Fail

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, 24.264, 79.647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

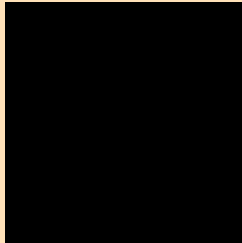
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 24.264, 79.647

Background



This preview shows how black text looks on a background with the CIELCh color 91, 24.264, 79.647.



This preview shows how white text looks on a background with the CIELCh color 91, 24.264, 79.647.

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, 24.264, 79.647

Protanopia

91, 22.796, 94.675

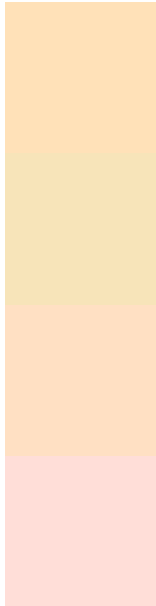
Deuteranopia

91, 16.715, 62.553



Tritanopia
91, 14.550, 350.672

Trichromacy



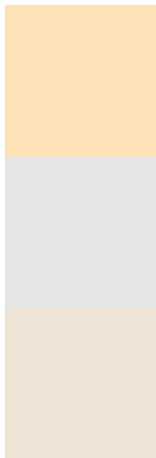
Original Color
91, 24.264, 79.647

Protanomaly
91, 23.366, 90.022

Deuteranomaly
91, 19.204, 70.700

Tritanomaly
91, 12.643, 34.310

Monochromacy



Original Color
91, 24.264, 79.647

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 8.563, 84.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 24.264, 79.647 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 24.264, 79.647 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, 184) }
```

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

```
.border{ border-color:rgb(255, 225, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 24.264, 79.647 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, 184) }
```

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

```
.background{ background-color: rgb(255,  
225, 184) }
```

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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