

Converting Colors

CIELCh(87, 23.641, 58.470)

Have a look what the booklet for
CIELCh(87, 23.641, 58.470) contains.

CIELCh(87, 23.781, 59.419)	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(87, 23.781, 59.419)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1B4
RGB	255, 209, 180
RGB Percent	100%, 82%, 71%
CMY	0.0008, 0.1812, 0.2949
CMYK	0.00, 0.18, 0.29, 0.00
HSL	23°, 99%, 85%
HSV	23°, 29%, 100%
XYZ	72.1284, 70.0064, 52.7844
YIQ	219.4480, 36.7250, 0.7330

Conversions

Conversions Part 2

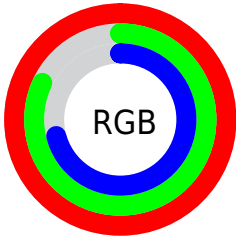
Format	Color
R _Y B	255, 227, 180
Decimal	16765364
CIE Lab	87.00, 12.10, 20.47
CIE LCh	87, 23.781, 59.419
Yxy	70.0064, 0.3700, 0.3592
Android (android.graphics.Color)	4294955444 (0xFFFFD1B4)
YUV	219.4480, -19.4479, 31.1791
Hunter-Lab	83.6698, 7.4556, 21.1649

Details

The CIELCh color **87, 23.781, 59.419** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **88, 20.651, 246.273**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 9.618, 109.449**, and **67, 23.764, 60.369** is the 20% darker color. If you saturate the color by 10%, you get **83, 32.964, 58.539**, and if you desaturate by 10%, it is **91, 15.181, 60.353**.

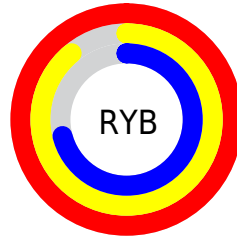
Distribution



Red (100%)

Green (82%)

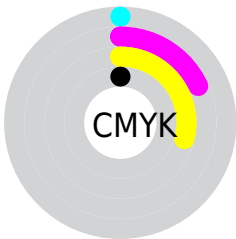
Blue (71%)



Red (100%)

Yellow (89%)

Blue (71%)

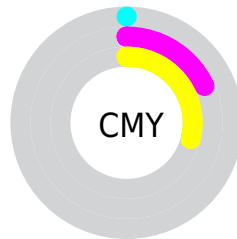


Cyan (0%)

Magenta (18%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 23.781, 59.419 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 87, 23.781, 59.419 by changing the saturation by 10% instead.

 87, 23.781, 59.419

 87, 23.781, 59.419

 100, 23.781,
59.419

 77, 23.781, 59.419

 67, 23.781, 59.419

 57, 23.781, 59.419

 47, 23.781, 59.419

 37, 23.781, 59.419

 27, 23.781, 59.419

 17, 23.781, 59.419

 7, 23.781, 59.419

 0, 23.781, 59.419

87, 23.781, 59.419

87, 23.781, 59.419

83, 32.964, 58.539

91, 15.181, 60.353

79, 42.734, 57.702

96, 7.129, 61.282

75, 53.031, 56.909

100, 0.075,
208.296

71, 63.654, 56.113

68, 74.122, 55.182

65, 83.434, 53.810

62, 90.326, 51.633

62, 90.695, 51.516

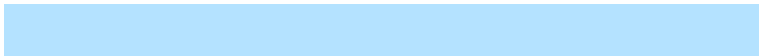
Harmonies

Complementary

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



87, 23.781, 59.419



88, 20.651, 246.273

Rectangle

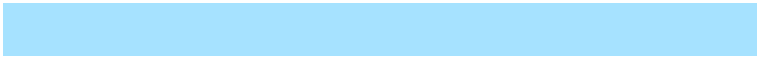
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 23.781, 59.419



87, 23.781, 109.419



87, 23.781, 239.419



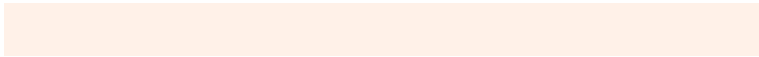
87, 23.781, 289.419

Sweetspot

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



87, 23.781, 59.427



96, 6.799, 61.320



81, 36.162, 340.252



51, 4.747, 61.189



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



87, 23.781, 59.427



85, 28.843, 58.927



96, 33.698, 101.772



51, 4.302, 61.275



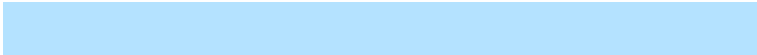
47, 72.670, 52.183



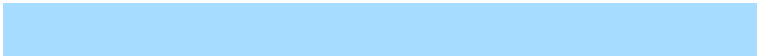
14, 27.577, 51.005

Inverse Universe

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



88, 20.651, 246.273



85, 24.286, 247.325



78, 35.532, 288.933



51, 4.133, 243.396



48, 46.298, 270.609



15, 19.471, 263.376

Previews

White Background



This preview shows how the CIE LCh color 87, 23.781, 59.419 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 87, 23.781, 59.419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

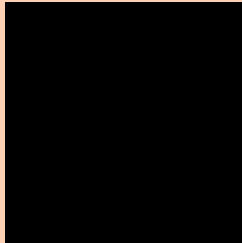
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 23.781, 59.419

Background



This preview shows how black text looks on a background with the CIELCh color 87, 23.781, 59.419.



This preview shows how white text looks on a background with the CIELCh color 87, 23.781, 59.419.

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

87, 23.781, 59.419

Protanopia

87, 18.278, 94.057

Deuteranopia

87, 23.206, 62.176



Tritanopia
87, 19.763, 359.371

Trichromacy



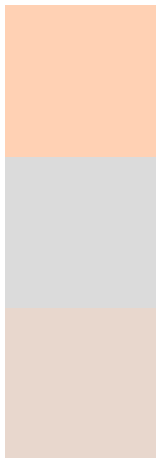
Original Color
87, 23.781, 59.419

Protanomaly
87, 19.603, 80.338

Deuteranomaly
87, 23.507, 61.531

Tritanomaly
87, 18.501, 22.373

Monochromacy



Original Color
87, 23.781, 59.419

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 8.189, 59.141

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 23.781, 59.419 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, 209, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 180)  
}
```

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, 209, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 23.781, 59.419 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, 209, 180) }
```

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

```
.border{ border-color:rgb(255, 209, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 209, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 209, 180); box-shadow:4px 4px 4px 4px rgb(255, 209, 180) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 23.781, 59.419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 180) }
```

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

```
.background{ background-color: rgb(255,  
209, 180) }
```

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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