

Converting Colors

CIELCh(87, 25.000, 59.491)

Have a look what the booklet for
CIELCh(87, 25.000, 59.491) contains.

CIELCh(87, 24.485, 59.675)	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, 24.485, 59.675)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1B3
RGB	255, 209, 179
RGB Percent	100%, 82%, 70%
CMY	0.0000, 0.1820, 0.2997
CMYK	0.00, 0.18, 0.30, 0.00
HSL	24°, 100%, 85%
HSV	24°, 30%, 100%
XYZ	72.2537, 70.0064, 52.1204
YIQ	219.3340, 37.0460, 0.4220

Conversions

Conversions Part 2

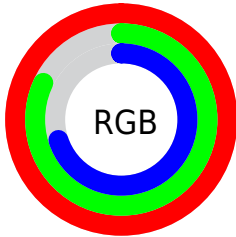
Format	Color
R _Y B	255, 229, 179
Decimal	16765363
CIE Lab	87.00, 12.36, 21.13
CIE LCh	87, 24.485, 59.675
Yxy	70.0064, 0.3717, 0.3602
Android (android.graphics.Color)	4294955443 (0xFFFFD1B3)
YUV	219.3340, -19.8847, 31.2791
Hunter-Lab	83.6698, 7.7228, 21.6354

Details

The CIELCh color **87, 24.485, 59.675** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 21.099, 247.157**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 10.124, 109.411**, and **67, 24.161, 61.239** is the 20% darker color. If you saturate the color by 10%, you get **83, 33.505, 59.131**, and if you desaturate by 10%, it is **91, 15.661, 60.992**.

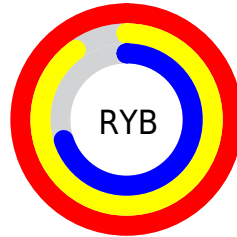
Distribution



Red (100%)

Green (82%)

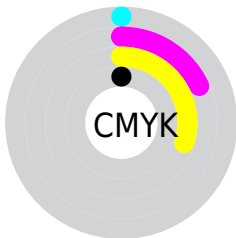
Blue (70%)



Red (100%)

Yellow (90%)

Blue (70%)

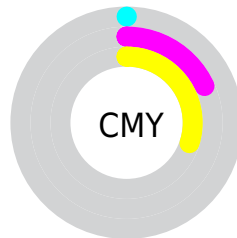


Cyan (0%)

Magenta (18%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 24.485, 59.675 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, 24.485, 59.675 by changing the saturation by 10% instead.

 87, 24.485, 59.675

 87, 24.485, 59.675

 100, 24.485,
59.675

 77, 24.485, 59.675

 67, 24.485, 59.675

 57, 24.485, 59.675

 47, 24.485, 59.675

 37, 24.485, 59.675

 27, 24.485, 59.675

 17, 24.485, 59.675

 7, 24.485, 59.675

 0, 24.485, 59.675

87, 24.485, 59.675

87, 24.485, 59.675

83, 33.505, 59.131

91, 15.661, 60.992

79, 43.293, 58.265

96, 7.570, 61.945

75, 53.589, 57.436

100, 0.012,
296.813

71, 64.181, 56.596

68, 74.564, 55.603

65, 83.702, 54.141

62, 90.434, 51.900

62, 90.450, 51.894

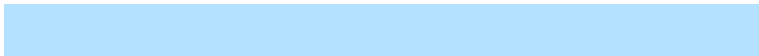
Harmonies

Complementary

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



87, 24.485, 59.675



87, 21.099, 247.157

Rectangle

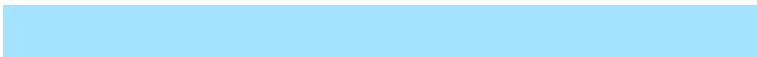
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 24.485, 59.675



87, 24.485, 109.675



87, 24.485, 239.675



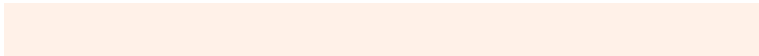
87, 24.485, 289.675

Sweetspot

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



87, 24.294, 60.043



96, 6.809, 62.034



81, 36.856, 340.303



51, 4.754, 61.900



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, 24.294, 60.043



84, 29.774, 59.488



96, 34.341, 101.712



51, 4.308, 61.988



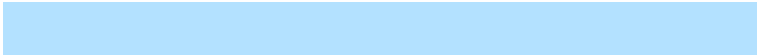
47, 72.431, 52.568



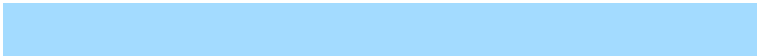
14, 27.524, 51.544

Inverse Universe

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



87, 21.099, 247.157



85, 25.024, 248.326



78, 36.253, 289.025



51, 4.143, 244.142



47, 46.858, 271.465



14, 19.662, 264.250

Previews

White Background



This preview shows how the CIELCh color 87, 24.485, 59.675 looks on a white background.

Color Contrast Check

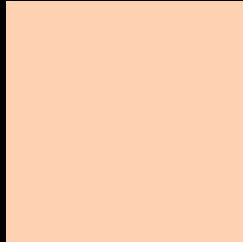
Large Text (above 18pt) WCAG AA × Fail

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 87, 24.485, 59.675 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, 24.485, 59.675

Background



This preview shows how black text looks on a background with the CIELCh color 87, 24.485, 59.675.



This preview shows how white text looks on a background with the CIELCh color 87, 24.485, 59.675.

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, 24.147, 60.281

Protanopia

87, 18.397, 92.877

Deuteranopia

87, 23.912, 62.359



Tritanopia
87, 19.763, 359.371

Trichromacy



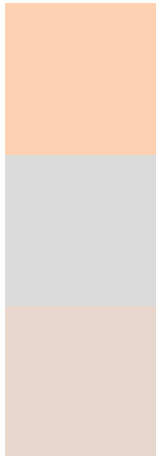
Original Color
87, 24.147, 60.281

Protanomaly
87, 19.817, 79.330

Deuteranomaly
87, 24.213, 61.729

Tritanomaly
87, 18.561, 23.961

Monochromacy



Original Color
87, 24.147, 60.281

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 8.540, 61.768

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 24.485, 59.675 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 24.485, 59.675 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, 179) }
```

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

```
.border{ border-color:rgb(255, 209, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 24.485, 59.675 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, 179) }
```

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

```
.background{ background-color: rgb(255,  
209, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor