

Converting Colors

CIELCh(87, 24.174, 60.270)

Have a look what the booklet for
CIELCh(87, 24.174, 60.270) contains.

CIELCh(87, 24.147, 60.281)	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, 24.147, 60.281)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1B3
RGB	255, 209, 179
RGB Percent	100%, 82%, 70%
CMY	0.0006, 0.1810, 0.2986
CMYK	0.00, 0.18, 0.30, 0.00
HSL	24°, 100%, 85%
HSV	24°, 30%, 100%
XYZ	72.0677, 70.0064, 52.2845
YIQ	219.3340, 37.0460, 0.4220

Conversions

Conversions Part 2

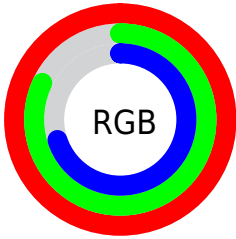
Format	Color
RYP	255, 229, 179
Decimal	16765363
CIELab	87.00, 11.97, 20.97
CIElCh	87, 24.147, 60.281
Yxy	70.0064, 0.3708, 0.3602
Android (android.graphics.Color)	4294955443 (0xFFFFD1B3)
YUV	219.3340, -19.8847, 31.2791
Hunter-Lab	83.6698, 7.3261, 21.5191

Details

The CIELCh color **87, 24.147, 60.281** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 21.011, 247.399**, and the grayscale version is **88, 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, 33.340, 59.366**, and if you desaturate by 10%, it is **91, 15.527, 61.246**.

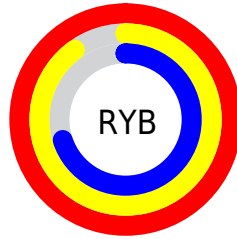
Distribution



Red (100%)

Green (82%)

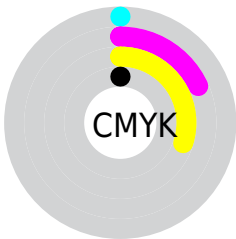
Blue (70%)



Red (100%)

Yellow (90%)

Blue (70%)

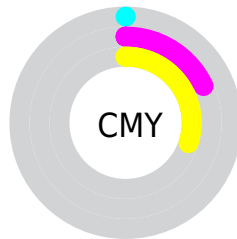


Cyan (0%)

Magenta (18%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 24.147, 60.281 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, 24.147, 60.281 by changing the saturation by 10% instead.

 87, 24.147, 60.281

 87, 24.147, 60.281

 100, 24.147,
60.281

 77, 24.147, 60.281

 67, 24.147, 60.281

 57, 24.147, 60.281

 47, 24.147, 60.281

 37, 24.147, 60.281

 27, 24.147, 60.281

 17, 24.147, 60.281

 7, 24.147, 60.281

 0, 24.147, 60.281

87, 24.147, 60.281

87, 24.147, 60.281

83, 33.340, 59.366

91, 15.527, 61.246

79, 43.106, 58.489

96, 7.447, 62.205

75, 53.379, 57.647

100, 0.055,
211.643

71, 63.949, 56.793

68, 74.315, 55.788

65, 83.455, 54.321

62, 90.185, 52.067

62, 90.301, 52.029

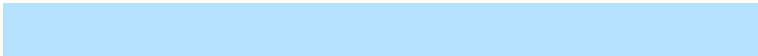
Harmonies

Complementary

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



87, 24.147, 60.281



87, 21.011, 247.399

Rectangle

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



87, 24.147, 60.281



87, 24.147, 110.281



87, 24.147, 240.281



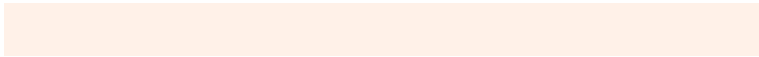
87, 24.147, 290.281

Sweetspot

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



87, 24.147, 60.289



96, 6.812, 62.281



81, 36.645, 340.288



51, 4.756, 62.146



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, 24.147, 60.289



84, 29.777, 59.713



96, 34.145, 101.729



51, 4.310, 62.234



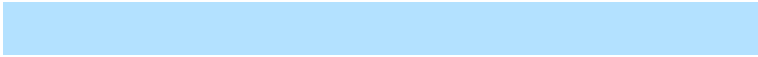
47, 72.349, 52.703



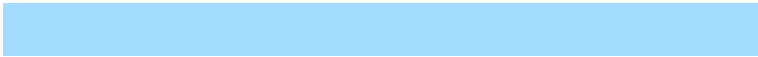
14, 27.506, 51.731

Inverse Universe

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



87, 21.011, 247.399



85, 25.060, 248.601



78, 36.033, 288.998



51, 4.146, 244.399



47, 47.054, 271.757



14, 19.729, 264.549

Previews

White Background



This preview shows how the CIELCh color 87, 24.147, 60.281 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, 24.147, 60.281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

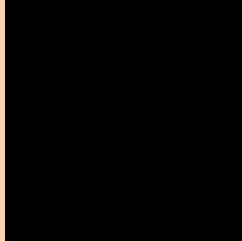
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 24.147, 60.281

Background



This preview shows how black text looks on a background with the CIELCh color 87, 24.147, 60.281.



This preview shows how white text looks on a background with the CIELCh color 87, 24.147, 60.281.

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





Tritanopia
87, 19.763, 359.371

Trichromacy



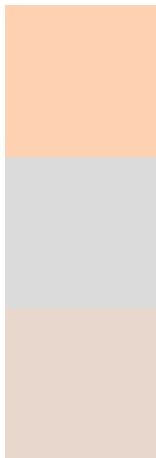
Original Color
87, 24.147, 60.281

Protanomaly
87, 20.070, 80.964

Deuteranomaly
87, 23.885, 62.370

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, 24.147, 60.281 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, 24.147, 60.281 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, 24.147, 60.281 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](#).

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