

Converting Colors

CIELCh(87, 25.663, 63.462)

Have a look what the booklet for
CIELCh(87, 25.663, 63.462) contains.

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Color

CIELCh(87, 25.663, 63.462)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1AF
RGB	255, 209, 175
RGB Percent	100%, 82%, 69%
CMY	0.0000, 0.1801, 0.3135
CMYK	0.00, 0.18, 0.31, 0.00
HSL	26°, 100%, 84%
HSV	26°, 31%, 100%
XYZ	71.8286, 70.0064, 50.3184
YIQ	218.8780, 38.3300, -0.8220

Conversions

Conversions Part 2

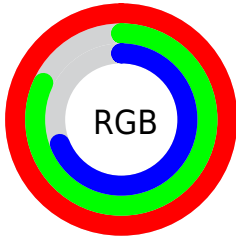
Format	Color
R _Y B	255, 234, 175
Decimal	16765359
CIE Lab	87.00, 11.47, 22.96
CIE LCh	87, 25.663, 63.462
Yxy	70.0064, 0.3738, 0.3643
Android (android.graphics.Color)	4294955439 (0xFFFFD1AF)
YUV	218.8780, -21.6319, 31.6790
Hunter-Lab	83.6698, 6.8160, 22.9123

Details

The CIELCh color **87, 25.663, 63.462** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **86, 22.509, 251.619**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 12.147, 109.259**, and **67, 25.806, 64.420** is the 20% darker color. If you saturate the color by 10%, you get **83, 34.879, 62.467**, and if you desaturate by 10%, it is **91, 16.934, 64.581**.

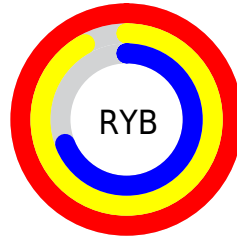
Distribution



Red (100%)

Green (82%)

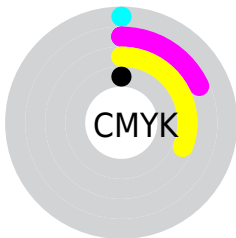
Blue (69%)



Red (100%)

Yellow (92%)

Blue (69%)

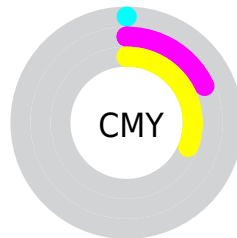


Cyan (0%)

Magenta (18%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 25.663, 63.462 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, 25.663, 63.462 by changing the saturation by 10% instead.

 87, 25.663, 63.462

 87, 25.663, 63.462

 100, 25.663,
63.462

 77, 25.663, 63.462

 67, 25.663, 63.462

 57, 25.663, 63.462

 47, 25.663, 63.462

 37, 25.663, 63.462

 27, 25.663, 63.462

 17, 25.663, 63.462

 7, 25.663, 63.462

 0, 25.663, 63.462

87, 25.663, 63.462

87, 25.663, 63.462

83, 34.879, 62.467

91, 16.934, 64.581

79, 44.633, 61.445

95, 8.734, 65.644

76, 54.810, 60.432

99, 1.000, 66.288

72, 65.155, 59.366

100, 0.012,
296.813

69, 75.089, 58.090

66, 83.511, 56.276

63, 88.828, 54.086

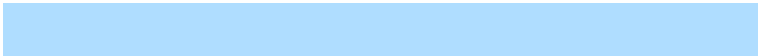
Harmonies

Complementary

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



87, 25.663, 63.462



86, 22.509, 251.619

Rectangle

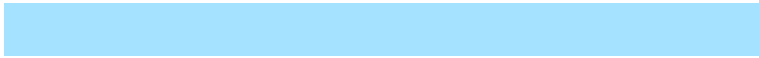
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 25.663, 63.462



87, 25.663, 113.462



87, 25.663, 243.462



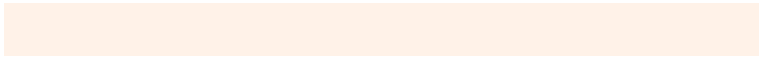
87, 25.663, 293.462

Sweetspot

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



87, 25.641, 63.514



96, 6.880, 65.886



80, 37.710, 342.103



51, 4.802, 65.737



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, 25.641, 63.514



84, 31.729, 62.815



97, 37.051, 103.285



51, 4.353, 65.835



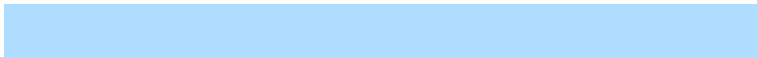
48, 71.170, 54.781



15, 27.277, 54.562

Inverse Universe

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



86, 22.509, 251.619



83, 26.978, 253.019



76, 39.492, 290.777



51, 4.207, 248.146



45, 50.082, 275.848



14, 20.779, 268.777

Previews

White Background



This preview shows how the CIELCh color 87, 25.663, 63.462 looks on a white background.

Color Contrast Check

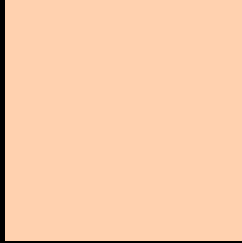
Large Text (above 18pt) WCAG AA × Fail

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, 25.663, 63.462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

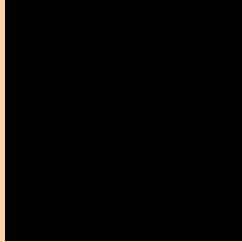
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 25.663, 63.462

Background



This preview shows how black text looks on a background with the CIELCh color 87, 25.663, 63.462.



This preview shows how white text looks on a background with the CIELCh color 87, 25.663, 63.462.

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, 25.663, 63.462

Protanopia

87, 20.896, 94.500

Deuteranopia

87, 25.448, 65.457



Tritanopia
87, 19.763, 359.371

Trichromacy



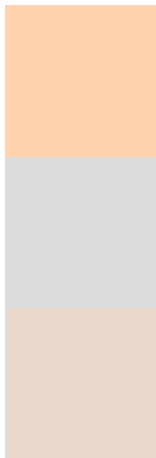
Original Color
87, 25.663, 63.462

Protanomaly
87, 21.664, 81.733

Deuteranomaly
87, 25.448, 65.457

Tritanomaly
87, 18.636, 25.536

Monochromacy



Original Color
87, 25.663, 63.462

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 8.907, 64.179

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 25.663, 63.462 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 25.663, 63.462 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, 175) }
```

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

```
.border{ border-color:rgb(255, 209, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 25.663, 63.462 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, 175) }
```

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

```
.background{ background-color: rgb(255,  
209, 175) }
```

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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