

Converting Colors

CIELCh(87, 28.001, 66.604)

Have a look what the booklet for
CIELCh(87, 28.001, 66.604) contains.

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Color

CIELCh(87, 27.661, 66.900)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1AA
RGB	255, 209, 170
RGB Percent	100%, 82%, 67%
CMY	0.0000, 0.1791, 0.3321
CMYK	0.00, 0.18, 0.33, 0.00
HSL	28°, 100%, 83%
HSV	28°, 33%, 100%
XYZ	71.5387, 70.0064, 47.9321
YIQ	218.3080, 39.9350, -2.3770

Conversions

Conversions Part 2

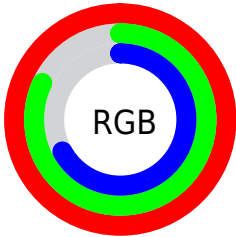
Format	Color
R_{YB}	255, 242, 170
Decimal	16765354
CIE _{Lab}	87.00, 10.85, 25.44
CIE _{LCh}	87, 27.661, 66.900
Yxy	70.0064, 0.3776, 0.3695
Android (android.graphics.Color)	4294955434 (0xFFFFD1AA)
YUV	218.3080, -23.8158, 32.1789
Hunter-Lab	83.6698, 6.1975, 24.6033

Details

The CIELCh color **87, 27.661, 66.900** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 24.502, 256.337**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 15.178, 109.030**, and **67, 27.522, 67.177** is the 20% darker color. If you saturate the color by 10%, you get **83, 36.862, 65.952**, and if you desaturate by 10%, it is **91, 18.737, 68.297**.

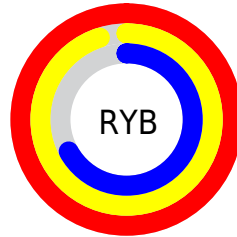
Distribution



Red (100%)

Green (82%)

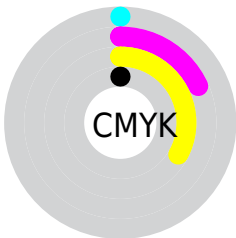
Blue (67%)



Red (100%)

Yellow (95%)

Blue (67%)

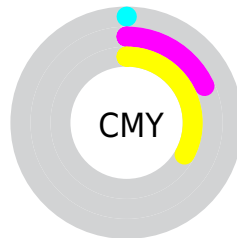


Cyan (0%)

Magenta (18%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 27.661, 66.900 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, 27.661, 66.900 by changing the saturation by 10% instead.

 87, 27.661, 66.900

 87, 27.661, 66.900

 100, 27.661,
66.900

 77, 27.661, 66.900

 67, 27.661, 66.900

 57, 27.661, 66.900

 47, 27.661, 66.900

 37, 27.661, 66.900

 27, 27.661, 66.900

 17, 27.661, 66.900

 7, 27.661, 66.900

 0, 27.661, 66.900

87, 27.661, 66.900

87, 27.661, 66.900

83, 36.862, 65.952

91, 18.737, 68.297

80, 46.599, 64.783

95, 10.377, 69.460

76, 56.644, 63.593

99, 2.449, 70.486

73, 66.675, 62.304

100, 0.012,
296.813

70, 76.017, 60.741

67, 83.494, 58.560

65, 87.199, 56.669

Harmonies

Complementary

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



87, 27.661, 66.900



84, 24.502, 256.337

Rectangle

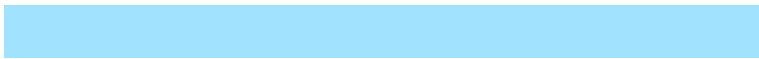
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 27.661, 66.900



87, 27.661, 116.900



87, 27.661, 246.900



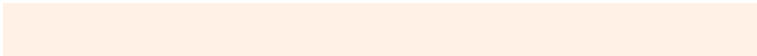
87, 27.661, 296.900

Sweetspot

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



87, 27.562, 67.122



96, 7.789, 69.823



79, 39.108, 344.053



51, 5.335, 69.665



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, 27.562, 67.122



84, 33.829, 66.326



97, 40.457, 104.707



51, 4.423, 69.878



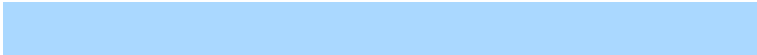
50, 69.913, 57.378



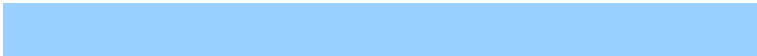
15, 27.096, 57.951

Inverse Universe

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



84, 24.502, 256.337



81, 29.258, 257.866



74, 43.602, 292.504



51, 4.298, 252.318



44, 53.847, 280.065



13, 22.115, 273.215

Previews

White Background



This preview shows how the CIELCh color 87, 27.661, 66.900 looks on a white background.

Color Contrast Check

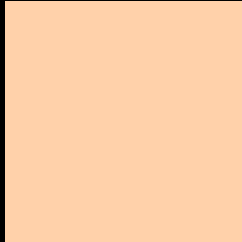
Large Text (above 18pt) WCAG AA × Fail

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, 27.661, 66.900 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, 27.661, 66.900

Background



This preview shows how black text looks on a background with the CIELCh color 87, 27.661, 66.900.



This preview shows how white text looks on a background with the CIELCh color 87, 27.661, 66.900.

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, 27.661, 66.900

Protanopia

87, 23.511, 94.780

Deuteranopia

87, 27.253, 66.256



Tritanopia
87, 19.607, 0.806

Trichromacy



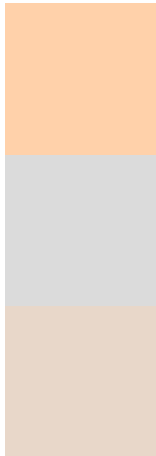
Original Color
87, 27.661, 66.900

Protanomaly
87, 24.041, 84.149

Deuteranomaly
87, 27.253, 66.256

Tritanomaly
87, 18.543, 30.336

Monochromacy



Original Color
87, 27.661, 66.900

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 9.685, 68.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 27.661, 66.900 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 27.661, 66.900 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, 170) }
```

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

```
.border{ border-color:rgb(255, 209, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 27.661, 66.900 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, 170) }
```

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

```
.background{ background-color: rgb(255,  
209, 170) }
```

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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