

Converting Colors

CIELCh(100, 64.735, 36.294)

Have a look what the booklet for
CIELCh(100, 64.735, 36.294)
contains.

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Color

CIELCh(88, 22.780, 61.327)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4B7
RGB	255, 212, 183
RGB Percent	100%, 83%, 72%
CMY	0.0000, 0.1670, 0.2808
CMYK	0.00, 0.17, 0.28, 0.00
HSL	24°, 100%, 86%
HSV	24°, 28%, 100%
XYZ	73.6293, 72.0653, 55.0443
YIQ	221.5510, 34.9370, 0.0970

Conversions

Conversions Part 2

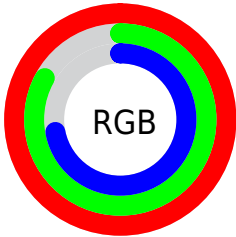
Format	Color
RYB	255, 232, 183
Decimal	16766135
CIELab	88.00, 10.93, 19.99
CIElCh	88, 22.780, 61.327
Yxy	72.0653, 0.3668, 0.3590
Android (android.graphics.Color)	4294956215 (0xFFFFD4B7)
YUV	221.5510, -19.0056, 29.3348
Hunter-Lab	84.8913, 6.2599, 20.9797

Details

The CIELCh color **88, 22.780, 61.327** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **88, 19.990, 248.430**, and the grayscale version is **88, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 8.099, 109.562**, and **68, 22.640, 60.838** is the 20% darker color. If you saturate the color by 10%, you get **84, 31.734, 60.639**, and if you desaturate by 10%, it is **92, 14.124, 62.613**.

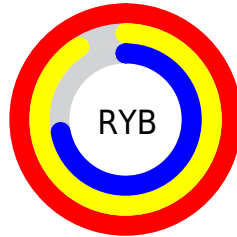
Distribution



Red (100%)

Green (83%)

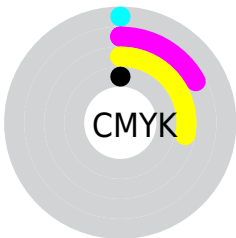
Blue (72%)



Red (100%)

Yellow (91%)

Blue (72%)

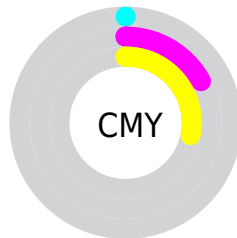


Cyan (0%)

Magenta (17%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 22.780, 61.327 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 88, 22.780, 61.327 by changing the saturation by 10% instead.

 88, 22.780, 61.327

 88, 22.780, 61.327

 100, 22.780,
61.327

 78, 22.780, 61.327

 68, 22.780, 61.327

 58, 22.780, 61.327

 48, 22.780, 61.327

 38, 22.780, 61.327

 28, 22.780, 61.327

 18, 22.780, 61.327

 8, 22.780, 61.327

 0, 22.780, 61.327

88, 22.780, 61.327

88, 22.780, 61.327

84, 31.734, 60.639

92, 14.124, 62.613

80, 41.378, 59.702

96, 6.116, 63.599

76, 51.527, 58.798

100, 0.012,
296.813

72, 62.002, 57.884

69, 72.363, 56.844

66, 81.693, 55.405

63, 88.634, 53.146

63, 89.822, 52.706

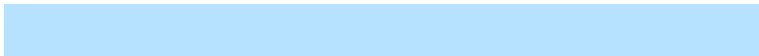
Harmonies

Complementary

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



88, 22.780, 61.327



88, 19.990, 248.430

Rectangle

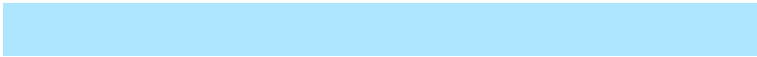
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 22.780, 61.327



88, 22.780, 111.327



88, 22.780, 241.327



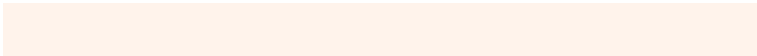
88, 22.780, 291.327

Sweetspot

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



88, 22.652, 61.614



97, 6.054, 63.606



82, 34.147, 340.944



51, 4.323, 63.464



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 22.652, 61.614



86, 27.960, 61.033



97, 32.708, 102.793



51, 4.323, 63.464



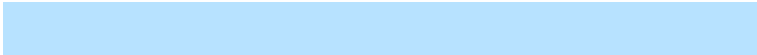
48, 71.941, 53.389



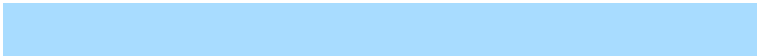
14, 27.421, 52.679

Inverse Universe

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



88, 19.990, 248.430



85, 23.938, 249.557



79, 34.493, 289.486



51, 4.165, 245.683



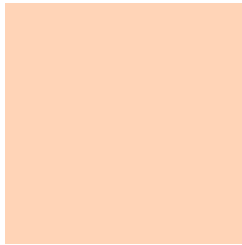
47, 48.054, 273.193



14, 20.074, 266.024

Previews

White Background



This preview shows how the CIELCh color 88, 22.780, 61.327 looks on a white background.

Color Contrast Check

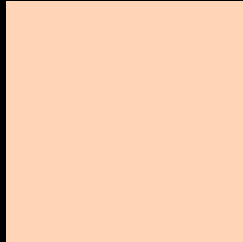
Large Text (above 18pt) WCAG AA × Fail

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 88, 22.780, 61.327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

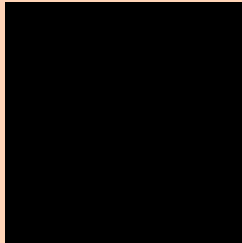
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 22.780, 61.327

Background



This preview shows how black text looks on a background with the CIELCh color 88, 22.780, 61.327.



This preview shows how white text looks on a background with the CIELCh color 88, 22.780, 61.327.

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

88, 22.780, 61.327

Protanopia

88, 17.744, 93.721

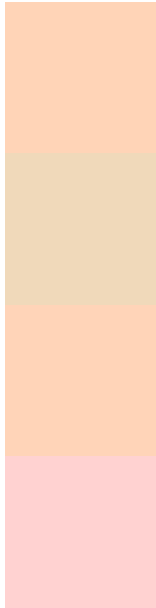
Deuteranopia

88, 22.410, 60.425



Tritanopia
88, 18.320, 357.471

Trichromacy



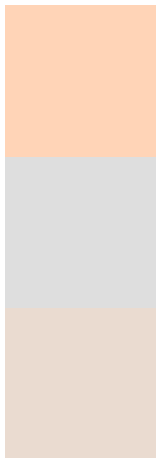
Original Color
88, 22.780, 61.327

Protanomaly
88, 18.447, 80.054

Deuteranomaly
88, 22.410, 60.425

Tritanomaly
88, 16.886, 22.378

Monochromacy



Original Color
88, 22.780, 61.327

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 7.964, 65.399

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 22.780, 61.327 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, 212, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 183)  
}
```

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, 212, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 22.780, 61.327 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, 212, 183) }
```

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

```
.border{ border-color:rgb(255, 212, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 22.780, 61.327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 183) }
```

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

```
.background{ background-color: rgb(255,  
212, 183) }
```

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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