

Converting Colors

CIELCh(87, 18.908, 72.377)

Have a look what the booklet for
CIELCh(87, 18.908, 72.377) contains.

CIELCh(87, 18.924, 72.422)	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, 18.924, 72.422)

Conversions

Conversions Part 1

Format	Color
Hex	F2D5B8
RGB	242, 213, 184
RGB Percent	95%, 84%, 72%
CMY	0.0505, 0.1643, 0.2780
CMYK	0.00, 0.12, 0.24, 0.05
HSL	30°, 69%, 84%
HSV	30°, 24%, 95%
XYZ	69.1418, 70.0064, 55.2747
YIQ	218.3650, 26.5930, -2.8710

Conversions

Conversions Part 2

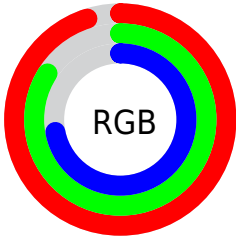
Format	Color
R _Y B	242, 242, 184
Decimal	15914424
CIE Lab	87.00, 5.72, 18.04
CIE LCh	87, 18.924, 72.422
Yxy	70.0064, 0.3556, 0.3601
Android (android.graphics.Color)	4294104504 (0xFFFF2D5B8)
YUV	218.3650, -16.9419, 20.7279
Hunter-Lab	83.6698, 1.0840, 19.4002

Details

The CIELCh color $87, 18.924, 72.422$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $84, 17.733, 259.028$, and the grayscale version is $87, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 7.593, 109.599$, and $67, 18.741, 71.825$ is the 20% darker color. If you saturate the color by 10%, you get $84, 27.474, 71.167$, and if you desaturate by 10%, it is $91, 10.766, 73.671$.

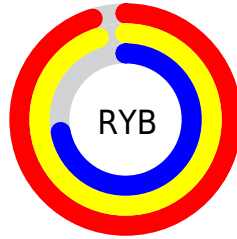
Distribution



Red (95%)

Green (84%)

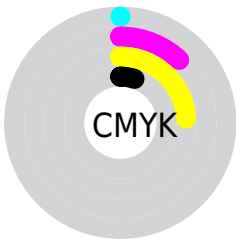
Blue (72%)



Red (95%)

Yellow (95%)

Blue (72%)

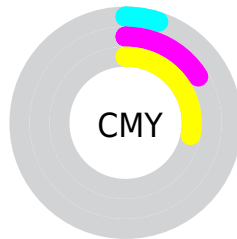


Cyan (0%)

Magenta (12%)

Yellow (24%)

Black (5%)



Cyan (5%)

Magenta (16%)

Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 18.924, 72.422 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, 18.924, 72.422 by changing the saturation by 10% instead.

 87, 18.924, 72.422

 87, 18.924, 72.422

 100, 18.924,
72.422

 77, 18.924, 72.422

 67, 18.924, 72.422

 57, 18.924, 72.422

 47, 18.924, 72.422

 37, 18.924, 72.422

 27, 18.924, 72.422

 17, 18.924, 72.422

 7, 18.924, 72.422

 0, 18.924, 72.422

87, 18.924, 72.422

87, 18.924, 72.422

84, 27.474, 71.167

91, 10.766, 73.671

80, 36.412, 69.891

94, 2.978, 74.805

77, 45.685, 68.596

98, 3.773, 248.487

74, 55.141, 67.254

99, 4.443, 199.273

71, 64.435, 65.789

68, 72.881, 64.025

65, 79.372, 61.642

64, 82.249, 59.905

Harmonies

Complementary

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



87, 18.924, 72.422



84, 17.733, 259.028

Rectangle

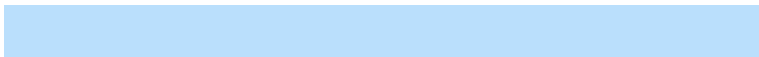
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 18.924, 72.422



87, 18.924, 122.422



87, 18.924, 252.422



87, 18.924, 302.422

Sweetspot

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



87, 18.924, 72.431



97, 5.538, 74.491



81, 26.156, 345.813



52, 3.604, 74.423



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, 18.924, 72.431



89, 24.186, 71.786



94, 29.504, 107.844



48, 4.301, 74.210



49, 66.595, 60.617



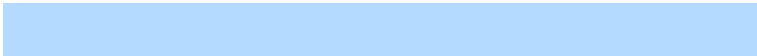
14, 23.415, 61.219

Inverse Universe

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



84, 17.733, 259.028



86, 22.310, 260.002



77, 31.229, 293.002



48, 4.206, 256.728



40, 56.413, 284.056



10, 21.381, 276.345

Previews

White Background



This preview shows how the CIELCh color 87, 18.924, 72.422 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, 18.924, 72.422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

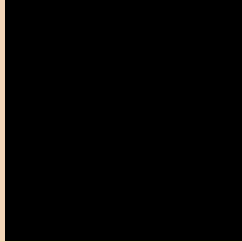
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

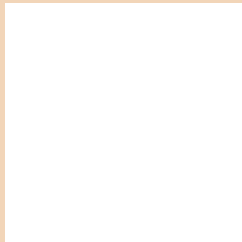
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 18.924, 72.422

Background



This preview shows how black text looks on a background with the CIELCh color 87, 18.924, 72.422.



This preview shows how white text looks on a background with the CIELCh color 87, 18.924, 72.422.

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, 18.924, 72.422

Protanopia

87, 16.784, 92.907

Deuteranopia

87, 20.755, 58.817



Tritanopia
87, 17.036, 349.388

Trichromacy



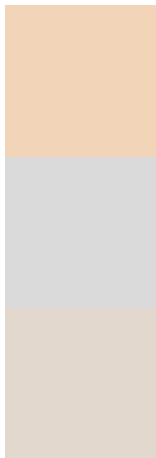
Original Color
87, 18.924, 72.422

Protanomaly
87, 17.591, 85.595

Deuteranomaly
87, 19.888, 62.724

Tritanomaly
87, 13.419, 20.367

Monochromacy



Original Color
87, 18.924, 72.422

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 6.598, 71.634

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 18.924, 72.422 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(242, 213, 184)` looks like.

```
.text, #text, p{  
    color:rgb(242, 213, 184)  
}
```

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(242, 213, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 213, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 18.924, 72.422 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(242, 213, 184) }
```

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

```
.border{ border-color:rgb(242, 213, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 213, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 213, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 213, 184);  
box-shadow:4px 4px 4px 4px rgb(242, 213,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 18.924, 72.422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 213, 184) }
```

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

```
.background{ background-color: rgb(242,  
213, 184) }
```

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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