

Converting Colors

CIELCh(92, 59.072, 95.983)

Have a look what the booklet for
CIELCh(92, 59.072, 95.983) contains.

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Color

CIELCh(92, 59.110, 96.505)

Conversions

Conversions Part 1

Format	Color
Hex	FFE974
RGB	255, 233, 116
RGB Percent	100%, 91%, 45%
CMY	0.0005, 0.0867, 0.5455
CMYK	0.00, 0.09, 0.55, 0.00
HSL	51°, 100%, 73%
HSV	51°, 55%, 100%
XYZ	73.4442, 80.7044, 28.1949
YIQ	226.2400, 50.6690, -31.7230

Conversions

Conversions Part 2

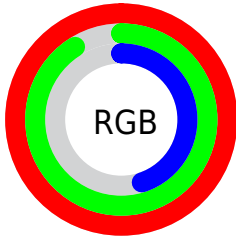
Format	Color
R_{YB}	142, 255, 116
Decimal	16771444
CIE Lab	92.00, -6.70, 58.73
CIE LCh	92, 59.110, 96.505
Yxy	80.7044, 0.4028, 0.4426
Android (android.graphics.Color)	4294961524 (0xFFFFE974)
YUV	226.2400, -54.3483, 25.2225
Hunter-Lab	89.8356, -11.2816, 44.2768

Details

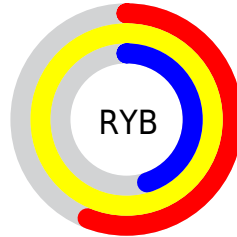
The CIELCh color **92, 59.110, 96.505** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **61, 65.674, 292.147**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 42.047, 106.967**, and **72, 59.409, 96.551** is the 20% darker color. If you saturate the color by 10%, you get **91, 68.685, 95.339**, and if you desaturate by 10%, it is **93, 48.749, 97.686**.

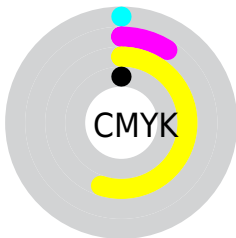
Distribution



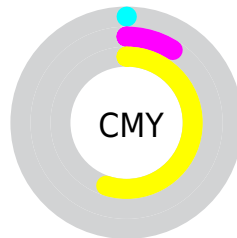
- Red (100%)
- Green (91%)
- Blue (45%)



- Red (56%)
- Yellow (100%)
- Blue (45%)



- Cyan (0%)
- Magenta (9%)
- Yellow (55%)
- Black (0%)




- Cyan (0%)
- Magenta (9%)
- Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 59.110, 96.505 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 92, 59.110, 96.505 by changing the saturation by 10% instead.

 92, 59.110, 96.505

 92, 59.110, 96.505

 100, 59.110,
96.505

 82, 59.110, 96.505

 72, 59.110, 96.505

 62, 59.110, 96.505


 52, 59.110, 96.505

 42, 59.110, 96.505

 32, 59.110, 96.505

 22, 59.110, 96.505

 12, 59.110, 96.505

 2, 59.110, 96.505

■ 92, 59.110, 96.505

■ 92, 59.110, 96.505

■ 91, 68.685, 95.339

■ 93, 48.749, 97.686

■ 90, 76.900, 94.182

■ 95, 37.970, 98.865

■ 88, 83.000, 93.025

■ 96, 27.001,
100.032

■ 87, 86.287, 91.831

■ 98, 15.972,
101.177

■ 87, 87.062, 91.154

■ 99, 4.960, 102.275

100, 0.044,
214.480

Harmonies

Complementary

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



92, 59.110, 96.505



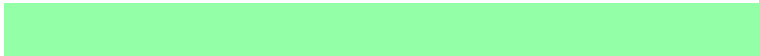
61, 65.674, 292.147

Rectangle

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



92, 59.110, 96.505



92, 59.110, 146.505



92, 59.110, 276.505



92, 59.110, 326.505

Sweetspot

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



92, 59.111, 96.508



97, 17.601, 101.011



66, 56.593, 13.976



52, 11.887, 100.777



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

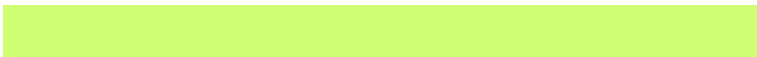
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 59.111, 96.508



91, 69.134, 95.284



94, 70.126, 120.168



52, 6.243, 101.739



67, 70.254, 91.381



23, 31.416, 93.046

Inverse Universe

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



61, 65.674, 292.147



54, 79.831, 294.896



59, 78.949, 307.008



49, 6.334, 283.931



26, 98.434, 303.724



5, 39.092, 298.704

Previews

White Background



This preview shows how the CIELCh color 92, 59.110, 96.505 looks on a white background.

Color Contrast Check

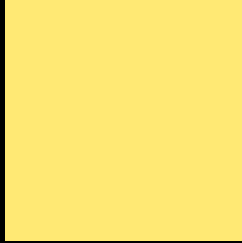
Large Text (above 18pt) WCAG AA × Fail

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 92, 59.110, 96.505 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 92, 59.110, 96.505

Background



This preview shows how black text looks on a background with the CIELCh color 92, 59.110, 96.505.

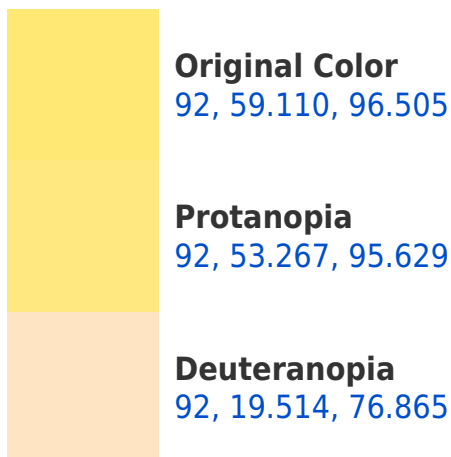


This preview shows how white text looks on a background with the CIELCh color 92, 59.110, 96.505.

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](#).

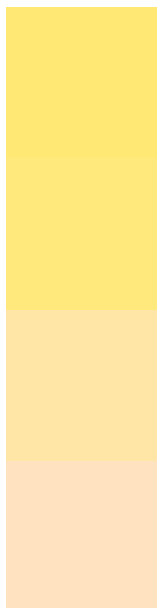
Dichromacy





Tritanopia
92, 12.530, 353.397

Trichromacy



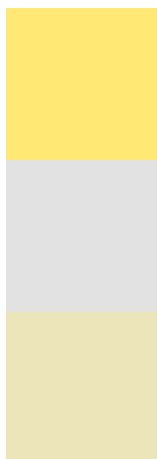
Original Color
92, 59.110, 96.505

Protanomaly
92, 55.120, 95.791

Deuteranomaly
92, 33.849, 90.471

Tritanomaly
92, 21.086, 77.961

Monochromacy



Original Color
92, 59.110, 96.505

Achromatopsia
90, 0.011, 296.813

Achromatomaly
91, 22.306, 101.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 59.110, 96.505 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, 233, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 116)  
}
```

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, 233, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 59.110, 96.505 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, 233, 116) }
```

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

```
.border{ border-color:rgb(255, 233, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 233, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 116);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 59.110, 96.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 116) }
```

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

```
.background{ background-color: rgb(255,  
233, 116) }
```

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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