

Converting Colors

CIELCh(93, 58.509, 88.360)

Have a look what the booklet for
CIELCh(93, 58.509, 88.360) contains.

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Color

CIELCh(92, 56.608, 95.459)

Conversions

Conversions Part 1

Format	Color
Hex	FFE879
RGB	255, 232, 121
RGB Percent	100%, 91%, 47%
CMY	0.0000, 0.0894, 0.5250
CMYK	0.00, 0.09, 0.52, 0.00
HSL	50°, 100%, 74%
HSV	50°, 52%, 100%
XYZ	74.0757, 80.7044, 29.8025
YIQ	226.2230, 49.3390, -29.6450

Conversions

Conversions Part 2

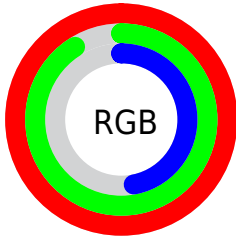
Format	Color
R_{YB}	149, 255, 121
Decimal	16771193
CIE _{Lab}	92.00, -5.39, 56.35
CIE _{LCh}	92, 56.608, 95.459
Yxy	80.7044, 0.4013, 0.4372
Android (android.graphics.Color)	4294961273 (0xFFFFE879)
YUV	226.2230, -51.8749, 25.2374
Hunter-Lab	89.8356, -10.0268, 43.2158

Details

The CIELCh color **92, 56.608, 95.459** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **63, 62.051, 291.051**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 39.607, 107.155**, and **72, 56.607, 95.992** is the 20% darker color. If you saturate the color by 10%, you get **91, 66.243, 94.786**, and if you desaturate by 10%, it is **93, 46.101, 97.189**.

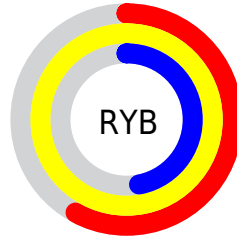
Distribution



Red (100%)

Green (91%)

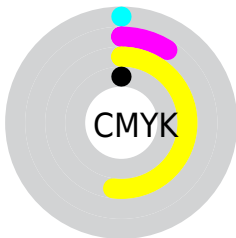
Blue (47%)



Red (58%)

Yellow (100%)

Blue (47%)

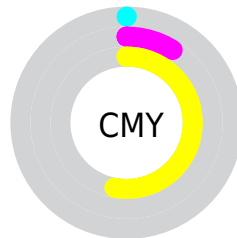


Cyan (0%)

Magenta (9%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 56.608, 95.459 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, 56.608, 95.459 by changing the saturation by 10% instead.

 92, 56.608, 95.459

 92, 56.608, 95.459

 100, 56.608,
95.459

 82, 56.608, 95.459

 72, 56.608, 95.459

 62, 56.608, 95.459

 52, 56.608, 95.459

 42, 56.608, 95.459

 32, 56.608, 95.459

 22, 56.608, 95.459

 12, 56.608, 95.459

 2, 56.608, 95.459

■ 92, 56.608, 95.459

■ 92, 56.608, 95.459

■ 91, 66.243, 94.786

■ 93, 46.101, 97.189

■ 89, 74.785, 93.588

■ 95, 35.359, 98.384

■ 88, 81.400, 92.379

■ 96, 24.476, 99.564

■ 87, 85.323, 91.120

■ 98, 13.566,
100.716

■ 86, 86.534, 90.120

■ 100, 2.695,
101.790

100, 0.012,
296.813

Harmonies

Complementary

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



92, 56.608, 95.459



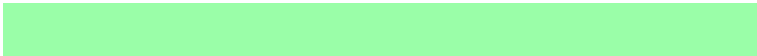
63, 62.051, 291.051

Rectangle

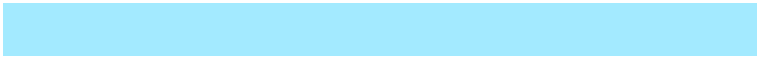
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 56.608, 95.459



92, 56.608, 145.459



92, 56.608, 275.459



92, 56.608, 325.459

Sweetspot

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



92, 56.507, 95.987



97, 17.384, 100.316



67, 54.378, 12.192



52, 11.742, 100.079



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

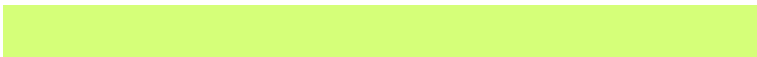
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 56.507, 95.987



90, 66.705, 94.726



95, 67.557, 119.555



52, 6.164, 101.052



66, 69.804, 90.369



22, 31.133, 92.153

Inverse Universe

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



63, 62.051, 291.051



56, 75.904, 293.781



61, 75.876, 306.359



49, 6.249, 283.267



26, 97.341, 303.397



5, 38.696, 298.414

Previews

White Background



This preview shows how the CIE LCh color 92, 56.608, 95.459 looks on a white background.

Color Contrast Check

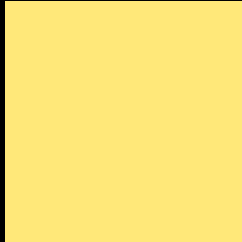
Large Text (above 18pt) WCAG AA × Fail

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, 56.608, 95.459 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, 56.608, 95.459

Background



This preview shows how black text looks on a background with the CIELCh color 92, 56.608, 95.459.



This preview shows how white text looks on a background with the CIELCh color 92, 56.608, 95.459.

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

92, 56.496, 95.898

Protanopia

92, 54.196, 95.712

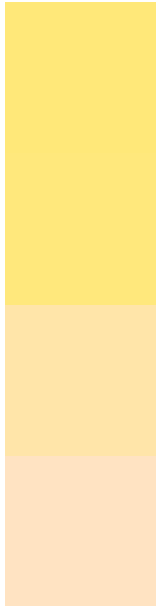
Deuteranopia

92, 19.305, 75.154



Tritanopia
92, 12.530, 353.397

Trichromacy



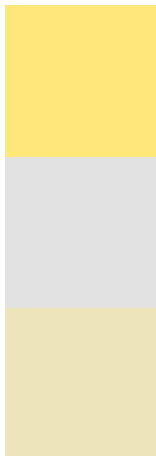
Original Color
92, 56.496, 95.898

Protanomaly
92, 55.120, 95.791

Deuteranomaly
92, 32.548, 89.185

Tritanomaly
92, 20.189, 76.623

Monochromacy



Original Color
92, 56.496, 95.898

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 20.909, 98.996

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 56.608, 95.459 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, 232, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 121)  
}
```

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, 232, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 56.608, 95.459 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, 232, 121) }
```

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

```
.border{ border-color:rgb(255, 232, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 56.608, 95.459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 121) }
```

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

```
.background{ background-color: rgb(255,  
232, 121) }
```

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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