

Converting Colors

CIELCh(92, 69.239, 97.223)

Have a look what the booklet for
CIELCh(92, 69.239, 97.223) contains.

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Color

CIELCh(92, 69.297, 97.252)

Conversions

Conversions Part 1

Format	Color
Hex	FFEA5D
RGB	255, 234, 93
RGB Percent	100%, 92%, 36%
CMY	0.0010, 0.0833, 0.6362
CMYK	0.00, 0.08, 0.64, 0.00
HSL	52°, 100%, 68%
HSV	52°, 64%, 100%
XYZ	72.4636, 80.7044, 22.0591
YIQ	224.2050, 57.7770, -39.3990

Conversions

Conversions Part 2

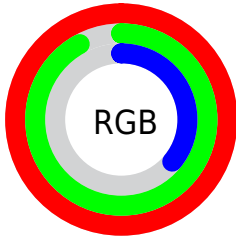
Format	Color
RYB	117, 255, 93
Decimal	16771677
CIELab	92.00, -8.75, 68.74
CIELCh	92, 69.297, 97.252
Yxy	80.7044, 0.4135, 0.4606
Android (android.graphics.Color)	4294961757 (0xFFFFEA5D)
YUV	224.2050, -64.6841, 27.0072
Hunter-Lab	89.8356, -13.2299, 48.3263

Details

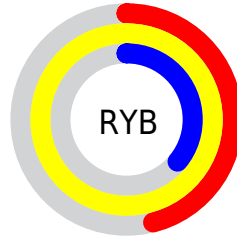
The CIELCh color **92, 69.297, 97.252** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **53, 80.694, 295.782**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 52.583, 106.154**, and **72, 69.322, 97.400** is the 20% darker color. If you saturate the color by 10%, you get **91, 77.695, 96.193**, and if you desaturate by 10%, it is **93, 59.532, 98.353**.

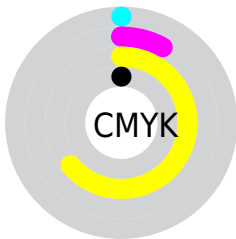
Distribution



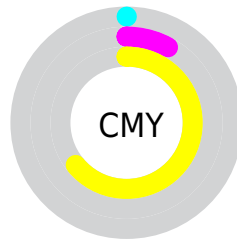
- Red (100%)
- Green (92%)
- Blue (36%)



- Red (46%)
- Yellow (100%)
- Blue (36%)



- Cyan (0%)
- Magenta (8%)
- Yellow (64%)
- Black (0%)



- Cyan (0%)
- Magenta (8%)
- Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 69.297, 97.252 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, 69.297, 97.252 by changing the saturation by 10% instead.

 92, 69.297, 97.252

 92, 69.297, 97.252

 100, 69.297,
97.252

 82, 69.297, 97.252

 72, 69.297, 97.252

 62, 69.297, 97.252

 52, 69.297, 97.252

 42, 69.297, 97.252

 32, 69.297, 97.252

 22, 69.297, 97.252

 12, 69.297, 97.252

 2, 69.297, 97.252

■ 92, 69.297, 97.252

■ 92, 69.297, 97.252

■ 91, 77.695, 96.193

■ 93, 59.532, 98.353

■ 90, 83.996, 95.169

■ 94, 48.955, 99.476

■ 89, 87.529, 94.167

■ 95, 37.933,
100.609

■ 89, 88.477, 93.522

■ 97, 26.692,
101.738

■ 98, 15.368,
102.849

■ 99, 4.040, 103.912

■ 100, 0.090,
206.788

Harmonies

Complementary

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



92, 69.297, 97.252



53, 80.694, 295.782

Rectangle

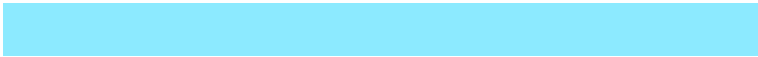
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 69.297, 97.252



92, 69.297, 147.252



92, 69.297, 277.252



92, 69.297, 327.252

Sweetspot

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



92, 69.297, 97.255



97, 21.524, 102.250



62, 66.575, 19.129



52, 14.814, 101.931



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, 69.297, 97.255



91, 79.503, 95.942



93, 80.654, 121.289



53, 6.432, 103.293



68, 71.414, 93.699



23, 32.108, 95.078

Inverse Universe

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



53, 80.694, 295.782



46, 98.325, 299.152



54, 92.293, 308.613



49, 6.537, 285.430



25, 100.797, 304.411



5, 40.007, 299.343

Previews

White Background



This preview shows how the CIELCh color 92, 69.297, 97.252 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, 69.297, 97.252 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, 69.297, 97.252

Background



This preview shows how black text looks on a background with the CIELCh color 92, 69.297, 97.252.



This preview shows how white text looks on a background with the CIELCh color 92, 69.297, 97.252.

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, 69.297, 97.252

Protanopia

92, 54.658, 95.752

Deuteranopia

92, 20.412, 78.243



Tritanopia
92, 12.530, 353.397

Trichromacy



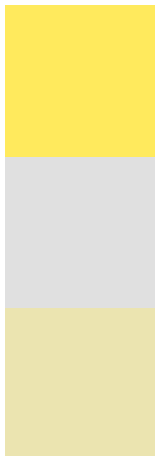
Original Color
92, 69.297, 97.252

Protanomaly
92, 60.450, 96.575

Deuteranomaly
92, 38.712, 92.076

Tritanomaly
92, 25.516, 83.930

Monochromacy



Original Color
92, 69.297, 97.252

Achromatopsia
89, 0.011, 296.813

Achromatomaly
90, 26.898, 102.161

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 69.297, 97.252 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, 234, 93)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 93)  
}
```

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, 234, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 69.297, 97.252 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, 234, 93) }
```

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

```
.border{ border-color:rgb(255, 234, 93) }
```

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

Here you see how a box with a 4 pixel rgb(255, 234, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 93);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 69.297, 97.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 93) }
```

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

```
.background{ background-color: rgb(255,  
234, 93) }
```

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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