

Converting Colors

CIELCh(92, 65.742, 96.899)

Have a look what the booklet for
CIELCh(92, 65.742, 96.899) contains.

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Color

CIELCh(92, 65.658, 96.784)

Conversions

Conversions Part 1

Format	Color
Hex	FFE965
RGB	255, 233, 101
RGB Percent	100%, 91%, 40%
CMY	0.0000, 0.0851, 0.6028
CMYK	0.00, 0.09, 0.60, 0.00
HSL	52°, 100%, 70%
HSV	52°, 60%, 100%
XYZ	72.9366, 80.7044, 24.1168
YIQ	224.5300, 55.4840, -36.3880

Conversions

Conversions Part 2

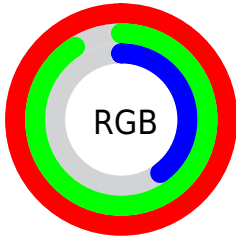
Format	Color
R _Y B	127, 255, 101
Decimal	16771429
CIE Lab	92.00, -7.76, 65.20
CIE LCh	92, 65.658, 96.784
Yxy	80.7044, 0.4103, 0.4540
Android (android.graphics.Color)	4294961509 (0xFFFFE965)
YUV	224.5300, -60.9003, 26.7222
Hunter-Lab	89.8356, -12.2901, 46.9683

Details

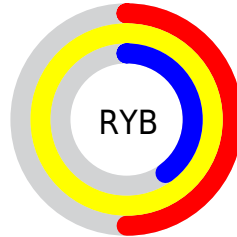
The CIELCh color **92, 65.658, 96.784** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **56, 75.005, 294.402**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 49.271, 106.409**, and **72, 65.857, 97.016** is the 20% darker color. If you saturate the color by 10%, you get **91, 74.545, 95.788**, and if you desaturate by 10%, it is **93, 55.596, 98.034**.

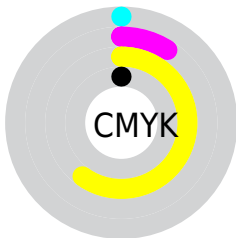
Distribution



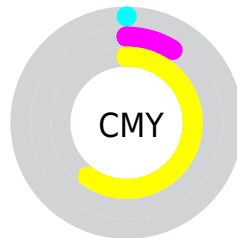
- Red (100%)
- Green (91%)
- Blue (40%)



- Red (50%)
- Yellow (100%)
- Blue (40%)



- Cyan (0%)
- Magenta (9%)
- Yellow (60%)
- Black (0%)



- Cyan (0%)
- Magenta (9%)
- Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 65.658, 96.784 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, 65.658, 96.784 by changing the saturation by 10% instead.

 92, 65.658, 96.784

 92, 65.658, 96.784

 100, 65.658,
96.784

 82, 65.658, 96.784

 72, 65.658, 96.784

 62, 65.658, 96.784

 52, 65.658, 96.784

 42, 65.658, 96.784

 32, 65.658, 96.784

 22, 65.658, 96.784

 12, 65.658, 96.784

 2, 65.658, 96.784

■ 92, 65.658, 96.784

■ 92, 65.658, 96.784

■ 91, 74.545, 95.788

■ 93, 55.596, 98.034

■ 90, 81.632, 94.704

■ 94, 44.908, 99.183

■ 89, 86.147, 93.631

■ 96, 33.884,
100.333

■ 88, 87.933, 92.568

■ 97, 22.709,
101.472

■ 98, 11.494,
102.586

100, 0.303,
103.189

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, 65.658, 96.784



56, 75.005, 294.402

Rectangle

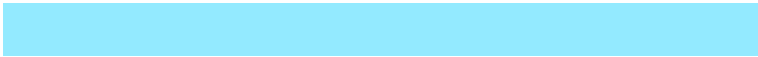
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 65.658, 96.784



92, 65.658, 146.784



92, 65.658, 276.784



92, 65.658, 326.784

Sweetspot

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



92, 65.638, 96.899



97, 20.151, 101.729



63, 62.892, 16.842



52, 14.005, 101.401



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, 65.638, 96.899



91, 75.914, 95.600



94, 76.878, 120.676



53, 6.355, 102.670



68, 70.925, 92.766



23, 31.822, 94.262

Inverse Universe

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



56, 75.005, 294.402



48, 91.374, 297.580



56, 87.583, 307.932



49, 6.454, 284.830



25, 99.871, 304.146



5, 39.634, 299.087

Previews

White Background



This preview shows how the CIELCh color 92, 65.658, 96.784 looks on a white background.

Color Contrast Check

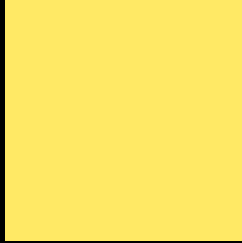
Large Text (above 18pt) WCAG AA × Fail

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, 65.658, 96.784 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, 65.658, 96.784

Background



This preview shows how black text looks on a background with the CIELCh color 92, 65.658, 96.784.

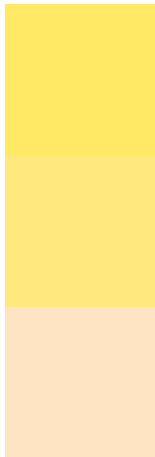


This preview shows how white text looks on a background with the CIELCh color 92, 65.658, 96.784.

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, 65.658, 96.784

Protanopia

92, 54.658, 95.752

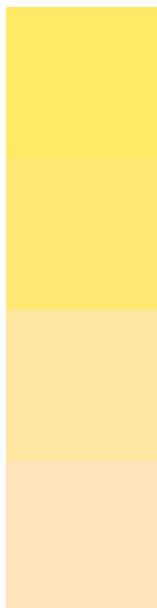
Deuteranopia

92, 19.961, 77.571



Tritanopia
92, 12.530, 353.397

Trichromacy



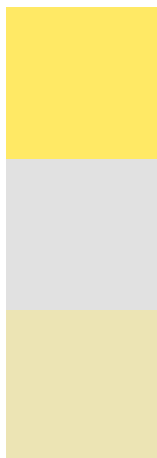
Original Color
92, 65.658, 96.784

Protanomaly
92, 58.764, 96.054

Deuteranomaly
92, 36.768, 91.499

Tritanomaly
92, 23.838, 81.318

Monochromacy



Original Color
92, 65.658, 96.784

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 24.913, 101.001

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 65.658, 96.784 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, 101)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 101)  
}
```

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, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 65.658, 96.784 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, 101) }
```

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

```
.border{ border-color:rgb(255, 233, 101) }
```

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, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 101);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 65.658, 96.784 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, 101) }
```

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

```
.background{ background-color: rgb(255,  
233, 101) }
```

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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