

Converting Colors

CIELCh(92, 64.442, 98.527)

Have a look what the booklet for
CIELCh(92, 64.442, 98.527) contains.

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Color

CIELCh(92, 64.536, 98.257)

Conversions

Conversions Part 1

Format	Color
Hex	FCEA68
RGB	252, 234, 104
RGB Percent	99%, 92%, 41%
CMY	0.0109, 0.0815, 0.5914
CMYK	0.00, 0.07, 0.59, 0.01
HSL	53°, 96%, 70%
HSV	53°, 59%, 99%
XYZ	72.2161, 80.7044, 24.9215
YIQ	224.5620, 52.4580, -36.6140

Conversions

Conversions Part 2

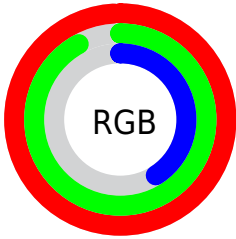
Format	Color
RYB	124, 252, 104
Decimal	16575080
CIELab	92.00, -9.27, 63.87
CIELCh	92, 64.536, 98.257
Yxy	80.7044, 0.4061, 0.4538
Android (android.graphics.Color)	4294765160 (0xFFFC6A68)
YUV	224.5620, -59.4371, 24.0631
Hunter-Lab	89.8356, -13.7217, 46.4372

Details

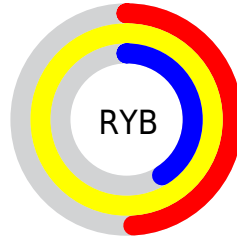
The CIELCh color **92, 64.536, 98.257** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **56, 73.926, 294.849**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 47.839, 106.520**, and **72, 64.696, 98.631** is the 20% darker color. If you saturate the color by 10%, you get **91, 73.637, 97.202**, and if you desaturate by 10%, it is **93, 54.358, 99.354**.

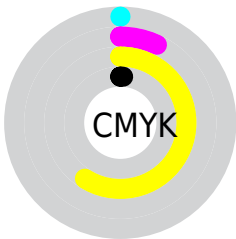
Distribution



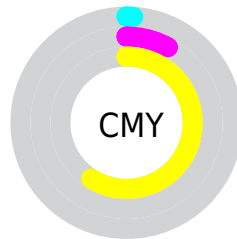
- Red (99%)
- Green (92%)
- Blue (41%)



- Red (49%)
- Yellow (99%)
- Blue (41%)



- Cyan (0%)
- Magenta (7%)
- Yellow (59%)
- Black (1%)



- Cyan (1%)
- Magenta (8%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 64.536, 98.257 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, 64.536, 98.257 by changing the saturation by 10% instead.

■ 92, 64.536, 98.257

■ 92, 64.536, 98.257

■ 100, 64.536,
98.257

■ 82, 64.536, 98.257

■ 72, 64.536, 98.257

■ 62, 64.536, 98.257

■ 52, 64.536, 98.257

■ 42, 64.536, 98.257

■ 32, 64.536, 98.257

■ 22, 64.536, 98.257

■ 12, 64.536, 98.257

■ 2, 64.536, 98.257

92, 64.536, 98.257

92, 64.536, 98.257

91, 73.637, 97.202

93, 54.358, 99.354

90, 81.012, 96.192

94, 43.558,
100.469

89, 85.930, 95.226

95, 32.428,
101.590

88, 88.055, 94.280

97, 21.146,
102.702

88, 88.239, 94.156

98, 9.817, 103.790

99, 1.225, 283.751

100, 0.966,
200.030

Harmonies

Complementary

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



92, 64.536, 98.257



56, 73.926, 294.849

Rectangle

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



92, 64.536, 98.257



92, 64.536, 148.257



92, 64.536, 278.257



92, 64.536, 328.257

Sweetspot

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



92, 64.537, 98.260



98, 20.552, 102.777



63, 60.849, 17.635



52, 14.281, 102.455



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, 64.537, 98.260



92, 75.377, 97.062



93, 74.756, 121.397



52, 6.379, 103.703



68, 71.044, 94.325



22, 31.162, 95.734

Inverse Universe

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



56, 73.926, 294.849



49, 90.724, 297.828



56, 84.469, 308.262



48, 6.485, 285.823



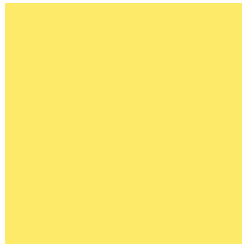
25, 100.319, 304.562



5, 38.423, 298.655

Previews

White Background



This preview shows how the CIELCh color 92, 64.536, 98.257 looks on a white background.

Color Contrast Check

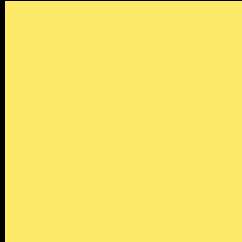
Large Text (above 18pt) WCAG AA × Fail

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, 64.536, 98.257 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, 64.536, 98.257

Background



This preview shows how black text looks on a background with the CIELCh color 92, 64.536, 98.257.

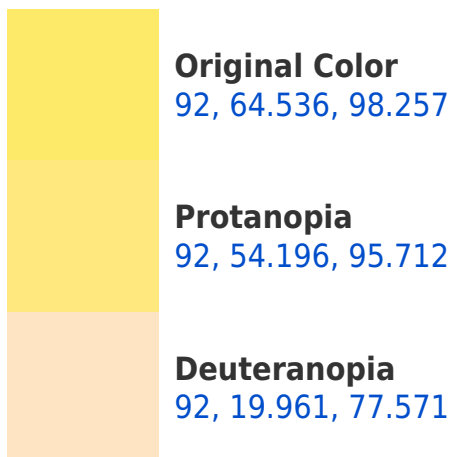



This preview shows how white text looks on a background with the CIELCh color 92, 64.536, 98.257.

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](#).

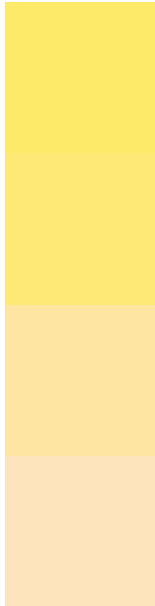
Dichromacy





Tritanopia
92, 12.760, 351.318

Trichromacy



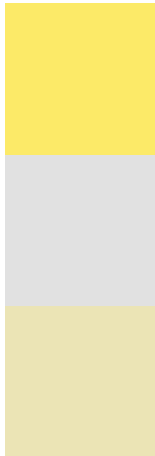
Original Color
92, 64.536, 98.257

Protanomaly
92, 58.136, 96.859

Deuteranomaly
92, 36.166, 91.954

Tritanomaly
92, 22.988, 82.549

Monochromacy



Original Color
92, 64.536, 98.257

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 24.359, 101.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 64.536, 98.257 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(252, 234, 104)` looks like.

```
.text, #text, p{  
    color:rgb(252, 234, 104)  
}
```

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(252, 234, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 234, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 64.536, 98.257 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(252, 234, 104) }
```

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

```
.border{ border-color:rgb(252, 234, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 234, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 234, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 234, 104);  
box-shadow:4px 4px 4px 4px rgb(252, 234,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 64.536, 98.257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 234, 104) }
```

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

```
.background{ background-color: rgb(252,  
234, 104) }
```

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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