

Converting Colors

CIELCh(92, 78.360, 104.251)

Have a look what the booklet for
CIELCh(92, 78.360, 104.251)
contains.

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Color

CIELCh(92, 78.048, 104.240)

Conversions

Conversions Part 1

Format	Color
Hex	EEEEF49
RGB	238, 239, 73
RGB Percent	93%, 94%, 29%
CMY	0.0650, 0.0612, 0.7120
CMYK	0.00, 0.00, 0.69, 0.06
HSL	60°, 84%, 61%
HSV	60°, 69%, 94%
XYZ	67.6026, 80.7044, 18.3920
YIQ	219.7770, 52.6900, -51.8380

Conversions

Conversions Part 2

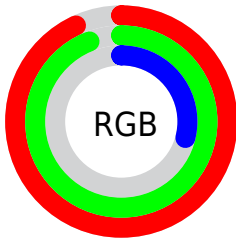
Format	Color
R_{YB}	73, 239, 74
Decimal	15658825
CIE _{Lab}	92.00, -19.20, 75.65
CIE _{LCh}	92, 78.048, 104.240
Yxy	80.7044, 0.4055, 0.4841
Android (android.graphics.Color)	4293848905 (0xFFEEEF49)
YUV	219.7770, -72.3611, 15.9816
Hunter-Lab	89.8356, -22.8885, 50.7465

Details

The CIELCh color **92, 78.048, 104.240** 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 **42, 97.489, 301.881**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 60.873, 105.518**, and **72, 75.586, 104.542** is the 20% darker color. If you saturate the color by 10%, you get **92, 85.223, 103.709**, and if you desaturate by 10%, it is **92, 68.986, 104.937**.

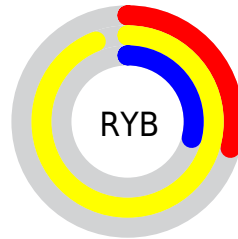
Distribution



Red (93%)

Green (94%)

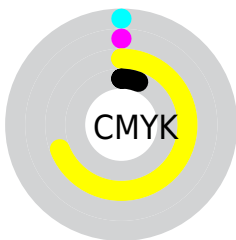
Blue (29%)



Red (29%)

Yellow (94%)

Blue (29%)

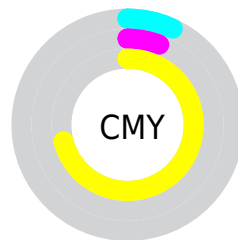


Cyan (0%)

Magenta (0%)

Yellow (69%)

Black (6%)



Cyan (7%)

Magenta (6%)


Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 78.048, 104.240 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, 78.048, 104.240 by changing the saturation by 10% instead.


 92, 78.048,
104.240


 92, 78.048,
104.240


 100, 78.048,
104.240


 82, 78.048,
104.240

 72, 78.048,
104.240

 62, 78.048,
104.240

 52, 78.048,
104.240

 42, 78.048,
104.240

 32, 78.048,
104.240

 22, 78.048,

104.240

■ 12, 78.048,
104.240

■ 2, 78.048, 104.240

■ 92, 78.048,
104.240

■ 92, 78.048,
104.240

■ 92, 85.223,
103.709

■ 92, 68.986,
104.937

■ 92, 89.972,
103.374

■ 92, 58.616,
105.751

■ 92, 92.274,
103.232

■ 93, 47.402,
106.645

■ 92, 92.395,
103.226

■ 93, 35.672,
107.586

■ 94, 23.638,
108.549

■ 94, 11.439,
109.513

■ 95, 0.837, 290.560

■ 95, 8.021, 291.177

■ 95, 8.022, 291.525

Harmonies

Complementary

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



92, 78.048, 104.240



42, 97.489, 301.881

Rectangle

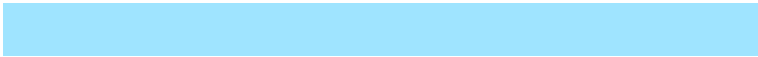
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 78.048, 104.240



92, 78.048, 154.240



92, 78.048, 284.240



92, 78.048, 334.240

Sweetspot

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



92, 78.048, 104.242



99, 27.011, 108.380



56, 73.217, 30.423



53, 18.257, 108.113



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, 78.048, 104.242



97, 91.689, 103.552



87, 85.273, 126.306



50, 6.975, 109.499



72, 75.724, 103.219



23, 31.942, 103.636

Inverse Universe

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



42, 97.489, 301.881



37, 121.548, 304.606



50, 94.812, 312.435



46, 7.132, 291.390



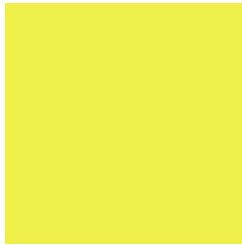
22, 104.525, 306.305



3, 37.823, 298.889

Previews

White Background



This preview shows how the CIELCh color 92, 78.048, 104.240 looks on a white background.

Color Contrast Check

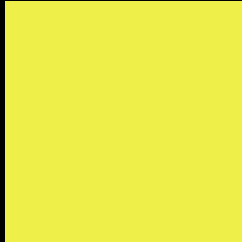
Large Text (above 18pt) WCAG AA × Fail

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, 78.048, 104.240 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, 78.048, 104.240

Background



This preview shows how black text looks on a background with the CIELCh color 92, 78.048, 104.240.

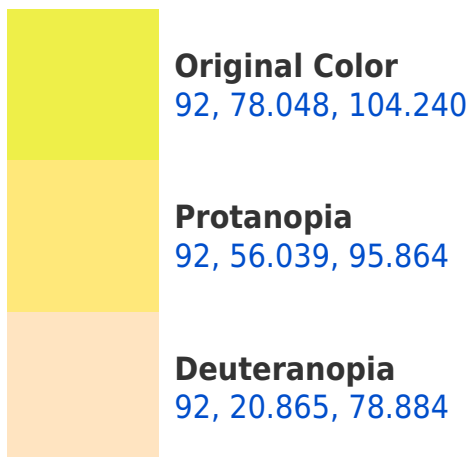


This preview shows how white text looks on a background with the CIELCh color 92, 78.048, 104.240.

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



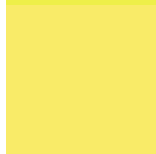


Tritanopia
92, 13.590, 340.145

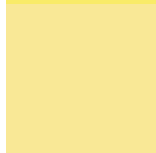
Trichromacy



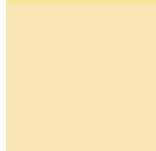
Original Color
92, 78.048, 104.240



Protanomaly
92, 64.743, 99.760



Deuteranomaly
92, 42.304, 97.439



Tritanomaly
92, 26.657, 92.830

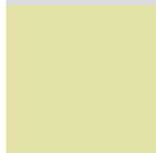
Monochromacy



Original Color
92, 78.048, 104.240



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 30.850, 107.613

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 78.048, 104.240 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(238, 239, 73)` looks like.

```
.text, #text, p{  
    color:rgb(238, 239, 73)  
}
```

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(238, 239, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 239, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 78.048, 104.240 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(238, 239, 73) }
```

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

```
.border{ border-color:rgb(238, 239, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 239, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 239, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 239, 73);  
box-shadow:4px 4px 4px 4px rgb(238, 239,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 78.048, 104.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 239, 73) }
```

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

```
.background{ background-color: rgb(238,  
239, 73) }
```

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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