

Converting Colors

CIELCh(92, 82.817, 106.255)

Have a look what the booklet for
CIELCh(92, 82.817, 106.255)
contains.

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Color

CIELCh(92, 82.693, 106.238)

Conversions

Conversions Part 1

Format	Color
Hex	E8F13D
RGB	232, 241, 61
RGB Percent	91%, 95%, 24%
CMY	0.0886, 0.0534, 0.7590
CMYK	0.04, 0.00, 0.75, 0.05
HSL	63°, 87%, 59%
HSV	63°, 75%, 95%
XYZ	65.8349, 80.7044, 16.5859
YIQ	217.7890, 52.4160, -57.8880

Conversions

Conversions Part 2

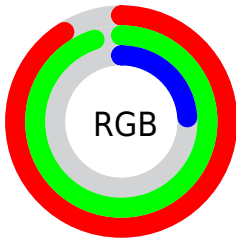
Format	Color
RYB	61, 241, 70
Decimal	15266109
CIELab	92.00, -23.12, 79.39
CIELCh	92, 82.693, 106.238
Yxy	80.7044, 0.4036, 0.4947
Android (android.graphics.Color)	4293456189 (0xFFE8F13D)
YUV	217.7890, -77.2970, 12.4630
Hunter-Lab	89.8356, -26.4010, 51.9386

Details

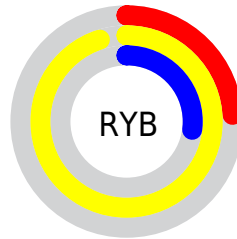
The CIELCh color **92, 82.693, 106.238** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **40, 105.330, 303.524**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 64.866, 105.214**, and **72, 76.429, 107.173** is the 20% darker color. If you saturate the color by 10%, you get **92, 88.719, 105.951**, and if you desaturate by 10%, it is **92, 74.468, 106.748**.

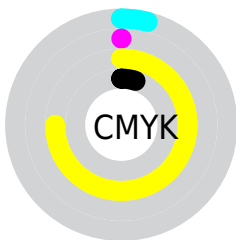
Distribution



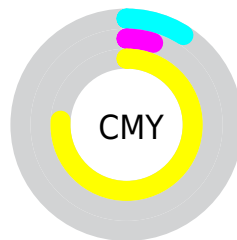
- Red (91%)
- Green (95%)
- Blue (24%)



- Red (24%)
- Yellow (95%)
- Blue (27%)



- Cyan (4%)
- Magenta (0%)
- Yellow (75%)
- Black (5%)





- Cyan (9%)
- Magenta (5%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 82.693, 106.238 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, 82.693, 106.238 by changing the saturation by 10% instead.


 92, 82.693,
106.238


 92, 82.693,
106.238


 100, 82.693,
106.238


 82, 82.693,
106.238

 72, 82.693,
106.238

 62, 82.693,
106.238

 52, 82.693,
106.238

 42, 82.693,
106.238

 32, 82.693,
106.238

 22, 82.693,

106.238

■ 12, 82.693,
106.238

■ 2, 82.693, 106.238

■ 92, 82.693,
106.238

■ 92, 82.693,
106.238

■ 92, 88.719,
105.951

■ 92, 74.468,
106.748

■ 92, 92.146,
105.917

■ 93, 64.635,
107.421

■ 92, 93.155,
105.984

■ 93, 53.732,
108.204

■ 93, 42.154,
109.056

■ 94, 30.169,
109.944

■ 94, 17.951,
110.844

■ 95, 5.612, 111.733

■ 96, 6.774, 292.627

■ 96, 7.028, 295.970

Harmonies

Complementary

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



92, 82.693, 106.238



40, 105.330, 303.524

Rectangle

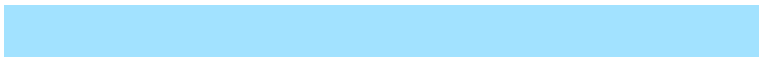
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 82.693, 106.238



92, 82.693, 156.238



92, 82.693, 286.238



92, 82.693, 336.238

Sweetspot

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



92, 82.693, 106.240



99, 28.311, 110.167



55, 78.330, 33.461



52, 18.995, 109.923



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, 82.693, 106.240



96, 94.512, 105.902



87, 91.488, 127.483



50, 6.982, 111.298



72, 75.867, 105.931



22, 31.962, 106.075

Inverse Universe

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



40, 105.330, 303.524



35, 127.235, 305.676



48, 101.249, 313.435



46, 7.139, 293.047



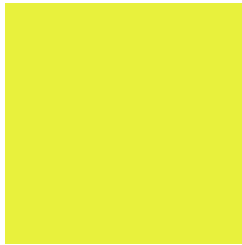
22, 104.302, 306.435



3, 37.931, 299.918

Previews

White Background



This preview shows how the CIELCh color 92, 82.693, 106.238 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, 82.693, 106.238 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, 82.693, 106.238

Background



This preview shows how black text looks on a background with the CIELCh color 92, 82.693, 106.238.

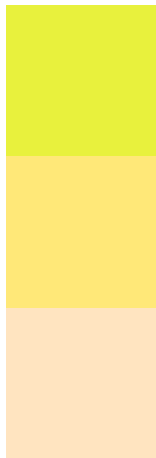


This preview shows how white text looks on a background with the CIELCh color 92, 82.693, 106.238.

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, 82.693, 106.238

Protanopia
92, 56.953, 95.932

Deuteranopia
92, 21.321, 79.496

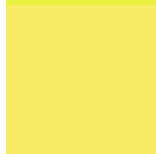


Tritanopia
92, 12.415, 331.704

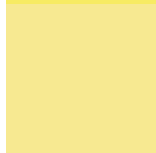
Trichromacy



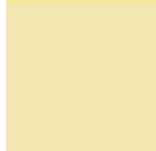
Original Color
92, 82.693, 106.238



Protanomaly
92, 66.778, 100.457



Deuteranomaly
92, 45.000, 99.302



Tritanomaly
91, 28.046, 99.126

Monochromacy



Original Color
92, 82.693, 106.238



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 33.922, 110.014

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 82.693, 106.238 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(232, 241, 61)` looks like.

```
.text, #text, p{  
    color:rgb(232, 241, 61)  
}
```

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(232, 241, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 241, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 82.693, 106.238 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(232, 241, 61) }
```

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

```
.border{ border-color:rgb(232, 241, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 241, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 241, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 241, 61);  
box-shadow:4px 4px 4px 4px rgb(232, 241,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 82.693, 106.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 241, 61) }
```

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

```
.background{ background-color: rgb(232,  
241, 61) }
```

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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