

Converting Colors

CIELCh(92, 38.210, 104.103)

Have a look what the booklet for
CIELCh(92, 38.210, 104.103)
contains.

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Color

CIELCh(92, 38.214, 104.110)

Conversions

Conversions Part 1

Format	Color
Hex	F0EBA0
RGB	240, 235, 160
RGB Percent	94%, 92%, 63%
CMY	0.0577, 0.0773, 0.3715
CMYK	0.00, 0.02, 0.33, 0.06
HSL	56°, 73%, 79%
HSV	56°, 33%, 94%
XYZ	72.1935, 80.7044, 45.1548
YIQ	227.9450, 27.0550, -22.2650

Conversions

Conversions Part 2

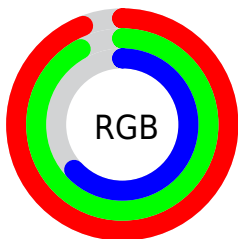
Format	Color
R_{YB}	165, 240, 160
Decimal	15788960
CIE _{Lab}	92.00, -9.32, 37.06
CIE _{LCh}	92, 38.214, 104.110
Yxy	80.7044, 0.3645, 0.4075
Android (android.graphics.Color)	4293979040 (0xFFFF0EBA0)
YUV	227.9450, -33.4969, 10.5722
Hunter-Lab	89.8356, -13.7667, 33.0836

Details

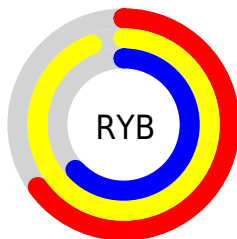
The CIELCh color **92, 38.214, 104.110** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **70, 41.089, 291.986**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 20.216, 108.647**, and **72, 37.804, 103.840** is the 20% darker color. If you saturate the color by 10%, you get **91, 49.274, 103.087**, and if you desaturate by 10%, it is **93, 26.863, 105.154**.

Distribution



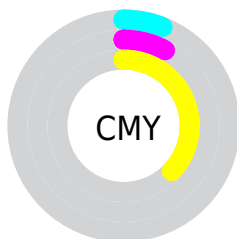
- Red (94%)
- Green (92%)
- Blue (63%)



- Red (65%)
- Yellow (94%)
- Blue (63%)



- Cyan (0%)
- Magenta (2%)
- Yellow (33%)
- Black (6%)





- Cyan (6%)
- Magenta (8%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 38.214, 104.110 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, 38.214, 104.110 by changing the saturation by 10% instead.


 92, 38.214,
104.110


 92, 38.214,
104.110


 100, 38.214,
104.110


 82, 38.214,
104.110

 72, 38.214,
104.110

 62, 38.214,
104.110

 52, 38.214,
104.110

 42, 38.214,
104.110

 32, 38.214,
104.110

 22, 38.214,

104.110

■ 12, 38.214,
104.110

■ 2, 38.214, 104.110

■ 92, 38.214,
104.110

■ 92, 38.214,
104.110

■ 91, 49.274,
103.087

■ 93, 26.863,
105.154

■ 91, 59.803,
102.096

■ 94, 15.363,
106.190

■ 90, 69.440,
101.165

■ 95, 3.806, 107.193

■ 89, 77.658,
100.323

■ 96, 7.041, 287.913

■ 96, 6.306, 282.809

■ 89, 83.817, 99.596

■ 96, 5.634, 276.441

■ 89, 87.374, 98.995

■ 97, 5.049, 268.496

■ 88, 88.485, 98.647

■ 97, 4.584, 258.736

■ 97, 4.278, 247.215

Harmonies

Complementary

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



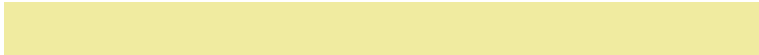
92, 38.214, 104.110



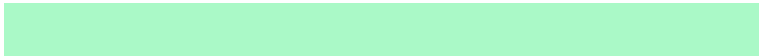
70, 41.089, 291.986

Rectangle

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



92, 38.214, 104.110



92, 38.214, 154.110



92, 38.214, 284.110



92, 38.214, 334.110

Sweetspot

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



92, 38.216, 104.114



99, 12.122, 106.525



74, 31.847, 17.308



53, 8.270, 106.381



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, 38.216, 104.114



96, 47.917, 103.410



91, 42.829, 125.062



50, 6.551, 106.581



69, 72.371, 98.722



21, 30.270, 99.797

Inverse Universe

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



70, 41.089, 291.986



69, 52.525, 293.223



72, 45.245, 308.531



46, 6.680, 288.589



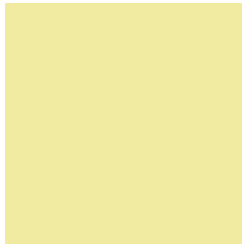
23, 101.723, 305.529



3, 36.166, 297.647

Previews

White Background



This preview shows how the CIELCh color 92, 38.214, 104.110 looks on a white background.

Color Contrast Check

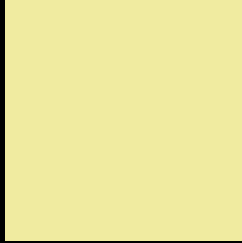
Large Text (above 18pt) WCAG AA × Fail

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, 38.214, 104.110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

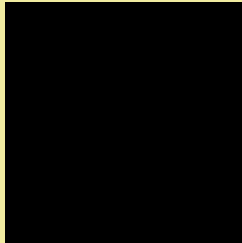
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 38.214, 104.110

Background



This preview shows how black text looks on a background with the CIELCh color 92, 38.214, 104.110.



This preview shows how white text looks on a background with the CIELCh color 92, 38.214, 104.110.

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, 38.214, 104.110

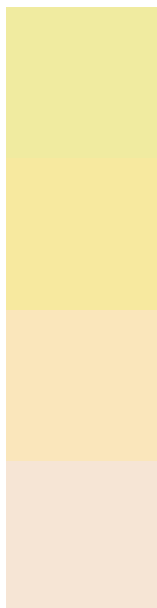
Protanopia
92, 38.057, 95.623

Deuteranopia
92, 16.751, 69.776



Tritanopia
92, 12.892, 334.136

Trichromacy



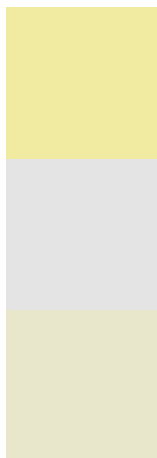
Original Color
92, 38.214, 104.110

Protanomaly
92, 38.150, 98.689

Deuteranomaly
92, 23.456, 89.146

Tritanomaly
92, 10.374, 72.094

Monochromacy



Original Color
92, 38.214, 104.110

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 14.434, 107.523

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 38.214, 104.110 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(240, 235, 160)` looks like.

```
.text, #text, p{  
    color:rgb(240, 235, 160)  
}
```

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(240, 235, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 235, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 38.214, 104.110 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(240, 235, 160) }
```

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

```
.border{ border-color:rgb(240, 235, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 235, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 235, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 235, 160);  
box-shadow:4px 4px 4px 4px rgb(240, 235,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 38.214, 104.110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 235, 160) }
```

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

```
.background{ background-color: rgb(240,  
235, 160) }
```

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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