

Converting Colors

CIELCh(91, 55.361, 104.649)

Have a look what the booklet for
CIELCh(91, 55.361, 104.649)
contains.

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Color

CIELCh(91, 55.070, 104.402)

Conversions

Conversions Part 1

Format	Color
Hex	EDEA7C
RGB	237, 234, 124
RGB Percent	93%, 92%, 49%
CMY	0.0697, 0.0814, 0.5129
CMYK	0.00, 0.01, 0.48, 0.07
HSL	58°, 76%, 71%
HSV	58°, 48%, 93%
XYZ	68.1453, 78.4833, 30.6979
YIQ	222.3570, 37.0980, -33.5740

Conversions

Conversions Part 2

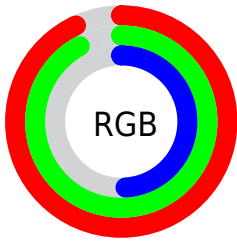
Format	Color
RYB	127, 237, 124
Decimal	15592060
CIELab	91.00, -13.70, 53.34
CIELCh	91, 55.070, 104.402
Yxy	78.4833, 0.3843, 0.4426
Android (android.graphics.Color)	4293782140 (0xFFEDEA7C)
YUV	222.3570, -48.4900, 12.8419
Hunter-Lab	88.5908, -17.7293, 41.4688

Details

The CIELCh color **91, 55.070, 104.402** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **58, 62.411, 296.108**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 38.137, 107.269**, and **71, 54.989, 104.216** is the 20% darker color. If you saturate the color by 10%, you get **91, 65.375, 103.511**, and if you desaturate by 10%, it is **91, 44.042, 105.359**.

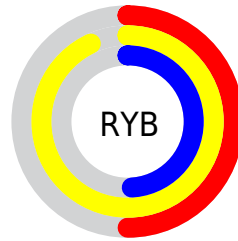
Distribution



Red (93%)

Green (92%)

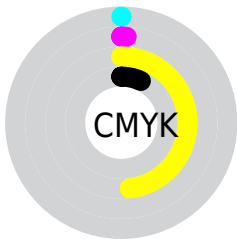
Blue (49%)



Red (50%)

Yellow (93%)

Blue (49%)

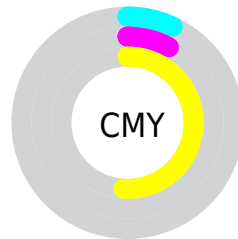


Cyan (0%)

Magenta (1%)

Yellow (48%)

Black (7%)



Cyan (7%)


Magenta (8%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 55.070, 104.402 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 91, 55.070, 104.402 by changing the saturation by 10% instead.


 91, 55.070,
104.402


 91, 55.070,
104.402


 100, 55.070,
104.402


 81, 55.070,
104.402

 71, 55.070,
104.402

 61, 55.070,
104.402

 51, 55.070,
104.402

 41, 55.070,
104.402

 31, 55.070,
104.402

 21, 55.070,

104.402

■ 11, 55.070,
104.402

■ 1, 55.070, 104.402

■ 91, 55.070,
104.402

■ 91, 55.070,
104.402

■ 91, 65.375,
103.511

■ 91, 44.042,
105.359

■ 90, 74.521,
102.712

■ 92, 32.583,
106.348

■ 90, 81.936,
102.043

■ 93, 20.881,
107.349

■ 90, 87.031,
101.536

■ 93, 9.056, 108.342

■ 94, 2.815, 289.363

■ 90, 89.545,
101.197

■ 94, 8.742, 289.113

■ 89, 89.943,
101.129

■ 95, 8.420, 287.549

■ 95, 8.105, 285.863

■ 95, 7.798, 284.045

Harmonies

Complementary

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



91, 55.070, 104.402



58, 62.411, 296.108

Rectangle

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



91, 55.070, 104.402



91, 55.070, 154.402



91, 55.070, 284.402



91, 55.070, 334.402

Sweetspot

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



91, 55.071, 104.405



99, 17.587, 107.707



65, 47.256, 22.313



53, 12.136, 107.491



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 55.071, 104.405



97, 68.614, 103.547



88, 60.363, 125.637



50, 6.792, 108.161



71, 74.246, 101.158



22, 31.224, 101.870

Inverse Universe

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



58, 62.411, 296.108



54, 80.699, 298.180



62, 65.180, 310.469



46, 6.938, 290.111



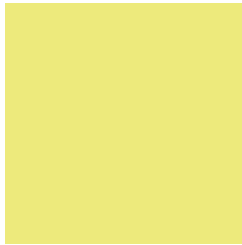
22, 103.336, 305.965



3, 37.109, 298.293

Previews

White Background



This preview shows how the CIELCh color 91, 55.070, 104.402 looks on a white background.

Color Contrast Check

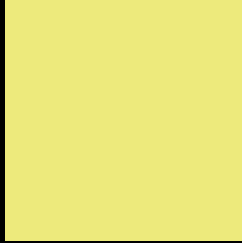
Large Text (above 18pt) WCAG AA × Fail

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 91, 55.070, 104.402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

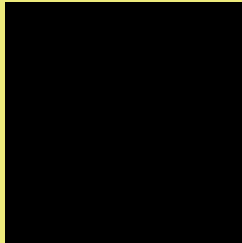
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 55.070, 104.402

Background



This preview shows how black text looks on a background with the CIELCh color 91, 55.070, 104.402.



This preview shows how white text looks on a background with the CIELCh color 91, 55.070, 104.402.

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

91, 55.070, 104.402

Protanopia

91, 54.288, 95.643

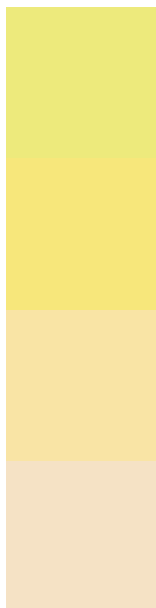
Deuteranopia

91, 21.788, 75.292



Tritanopia
91, 13.692, 337.487

Trichromacy



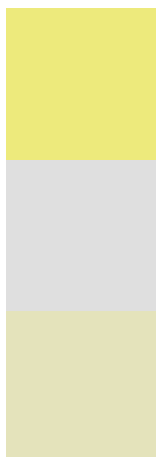
Original Color
91, 55.070, 104.402

Protanomaly
91, 54.668, 98.767

Deuteranomaly
91, 33.442, 93.057

Tritanomaly
91, 16.645, 83.241

Monochromacy



Original Color
91, 55.070, 104.402

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 20.654, 107.412

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 55.070, 104.402 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(237, 234, 124)` looks like.

```
.text, #text, p{  
    color:rgb(237, 234, 124)  
}
```

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(237, 234, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 234, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 55.070, 104.402 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(237, 234, 124) }
```

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

```
.border{ border-color:rgb(237, 234, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 234, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 234, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 234, 124);  
box-shadow:4px 4px 4px 4px rgb(237, 234,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 55.070, 104.402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 234, 124) }
```

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

```
.background{ background-color: rgb(237,  
234, 124) }
```

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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