

Converting Colors

CIELCh(90, 53.574, 105.773)

Have a look what the booklet for
CIELCh(90, 53.574, 105.773)
contains.

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Color

CIELCh(90, 53.713, 105.762)

Conversions

Conversions Part 1

Format	Color
Hex	E8E87D
RGB	232, 232, 125
RGB Percent	91%, 91%, 49%
CMY	0.0904, 0.0904, 0.5100
CMYK	0.00, 0.00, 0.46, 0.09
HSL	60°, 70%, 70%
HSV	60°, 46%, 91%
XYZ	65.7955, 76.3034, 30.6432
YIQ	219.8020, 34.3470, -33.2770

Conversions

Conversions Part 2

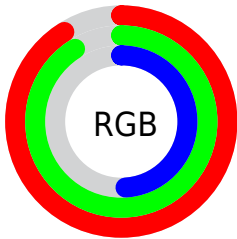
Format	Color
RYB	125, 232, 125
Decimal	15263869
CIELab	90.00, -14.59, 51.69
CIElCh	90, 53.713, 105.762
Yxy	76.3034, 0.3809, 0.4417
Android (android.graphics.Color)	4293453949 (0xFFE8E87D)
YUV	219.8020, -46.7374, 10.6976
Hunter-Lab	87.3518, -18.4150, 40.3472

Details

The CIELCh color **90, 53.713, 105.762** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **57, 60.902, 296.757**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 37.646, 107.307**, and **70, 54.137, 106.127** is the 20% darker color. If you saturate the color by 10%, you get **90, 64.135, 104.912**, and if you desaturate by 10%, it is **90, 42.591, 106.685**.

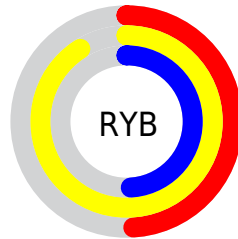
Distribution



Red (91%)

Green (91%)

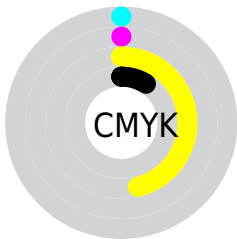
Blue (49%)



Red (49%)

Yellow (91%)

Blue (49%)

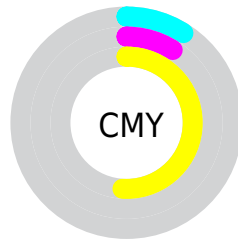


Cyan (0%)

Magenta (0%)

Yellow (46%)

Black (9%)



Cyan (9%)


Magenta (9%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 53.713, 105.762 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 90, 53.713, 105.762 by changing the saturation by 10% instead.


 90, 53.713,
105.762


 90, 53.713,
105.762


 100, 53.713,
105.762


 80, 53.713,
105.762

 70, 53.713,
105.762

 60, 53.713,
105.762

 50, 53.713,
105.762

 40, 53.713,
105.762

 30, 53.713,
105.762

 20, 53.713,

105.762

■ 10, 53.713,
105.762

■ 0, 53.713, 105.762

■ 90, 53.713,
105.762

■ 90, 53.713,
105.762

■ 90, 64.135,
104.912

■ 90, 42.591,
106.685

■ 90, 73.448,
104.163

■ 91, 31.043,
107.642


■ 89, 81.116,
103.558


■ 91, 19.250,
108.616

■ 89, 86.576,
103.134


■ 92, 7.329, 109.582


■ 92, 4.647, 290.565


 89, 89.507,
102.911

 93, 11.922,
291.126

 89, 90.207,
102.857

 93, 11.922,
291.130

 93, 11.922,
291.133

 93, 11.922,
291.136

Harmonies

Complementary

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



90, 53.713, 105.762



57, 60.902, 296.757

Rectangle

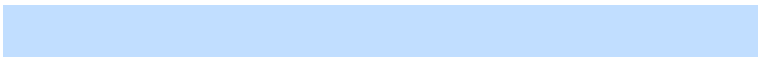
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 53.713, 105.762



90, 53.713, 155.762



90, 53.713, 285.762



90, 53.713, 335.762

Sweetspot

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



90, 53.714, 105.765



99, 18.052, 108.816



64, 45.173, 24.419



53, 12.455, 108.605



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 53.714, 105.765



98, 67.992, 104.981



86, 58.010, 126.909



48, 6.730, 109.264



71, 74.152, 102.857



20, 29.319, 103.660

Inverse Universe

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



57, 60.902, 296.757



55, 79.864, 298.655



62, 62.097, 311.417



44, 6.881, 291.165



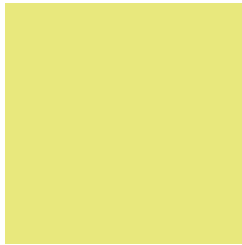
21, 102.391, 306.287



2, 33.677, 296.778

Previews

White Background



This preview shows how the CIE LCh color 90, 53.713, 105.762 looks on a white background.

Color Contrast Check

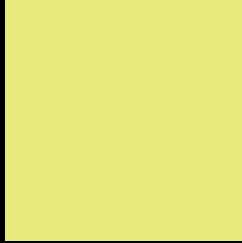
Large Text (above 18pt) WCAG AA × Fail

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 90, 53.713, 105.762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

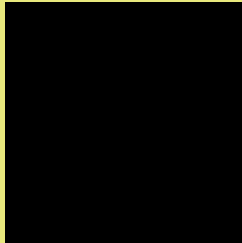
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 53.713, 105.762

Background



This preview shows how black text looks on a background with the CIELCh color 90, 53.713, 105.762.



This preview shows how white text looks on a background with the CIELCh color 90, 53.713, 105.762.

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

90, 53.713, 105.762

Protanopia

90, 52.989, 95.446

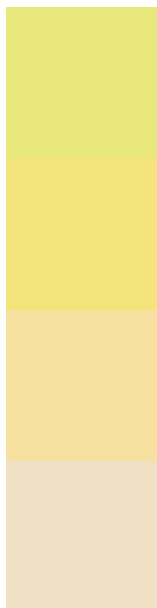
Deuteranopia

90, 25.189, 76.459



Tritanopia
90, 12.590, 335.795

Trichromacy



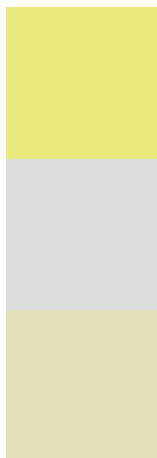
Original Color
90, 53.713, 105.762

Protanomaly
90, 52.838, 99.082

Deuteranomaly
90, 34.615, 92.663

Tritanomaly
90, 15.719, 86.254

Monochromacy



Original Color
90, 53.713, 105.762

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 20.189, 108.491

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 53.713, 105.762 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, 232, 125)` looks like.

```
.text, #text, p{  
    color:rgb(232, 232, 125)  
}
```

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, 232, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 232, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 53.713, 105.762 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, 232, 125) }
```

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

```
.border{ border-color:rgb(232, 232, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 232, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 232, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 232, 125);  
box-shadow:4px 4px 4px 4px rgb(232, 232,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 53.713, 105.762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 232, 125) }
```

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

```
.background{ background-color: rgb(232,  
232, 125) }
```

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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