

Converting Colors

CIELCh(78, 55.153, 95.556)

Have a look what the booklet for
CIELCh(78, 55.153, 95.556) contains.

CIELCh(78, 55.153, 95.556)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(78, 55.153, 95.556)

Conversions

Conversions Part 1

Format	Color
Hex	D6C157
RGB	214, 193, 87
RGB Percent	84%, 76%, 34%
CMY	0.1602, 0.2426, 0.6583
CMYK	0.00, 0.10, 0.59, 0.16
HSL	50°, 61%, 59%
HSV	50°, 59%, 84%
XYZ	48.6030, 53.2120, 16.7553
YIQ	187.1950, 46.5420, -28.5140

Conversions

Conversions Part 2

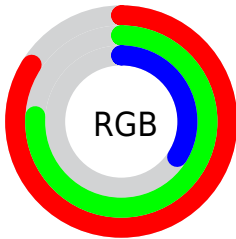
Format	Color
RYB	112, 214, 87
Decimal	14074199
CIELab	78.00, -5.34, 54.89
CIElCh	78, 55.153, 95.556
Yxy	53.2120, 0.4099, 0.4488
Android (android.graphics.Color)	4292264279 (0xFFD6C157)
YUV	187.1950, -49.3961, 23.5080
Hunter-Lab	72.9466, -8.7251, 37.4441

Details

The CIELCh color **78, 55.153, 95.556** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **49, 61.937, 292.872**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 54.225, 103.402**, and **58, 55.208, 95.870** is the 20% darker color. If you saturate the color by 10%, you get **77, 63.038, 94.386**, and if you desaturate by 10%, it is **79, 46.425, 96.738**.

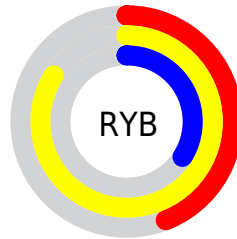
Distribution



Red (84%)

Green (76%)

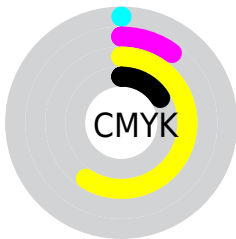
Blue (34%)



Red (44%)

Yellow (84%)

Blue (34%)

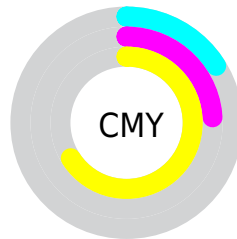


Cyan (0%)

Magenta (10%)

Yellow (59%)

Black (16%)



Cyan (16%)

Magenta (24%)

Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 55.153, 95.556 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 78, 55.153, 95.556 by changing the saturation by 10% instead.

 78, 55.153, 95.556

 78, 55.153, 95.556

 100, 55.153,
95.556

 68, 55.153, 95.556

 98, 55.153, 95.556

 58, 55.153, 95.556

 48, 55.153, 95.556


 38, 55.153, 95.556

 28, 55.153, 95.556

 18, 55.153, 95.556

 8, 55.153, 95.556

 0, 55.153, 95.556

 78, 55.153, 95.556

 78, 55.153, 95.556

77, 63.038, 94.386

79, 46.425, 96.738

76, 69.516, 93.215

80, 37.234, 97.918

75, 73.916, 92.022

82, 27.816, 99.091

74, 75.998, 90.770

83, 18.313,
100.245

74, 76.116, 90.684

84, 8.805, 101.367

86, 0.662, 282.702

87, 10.062,
283.555

89, 17.600,
283.633

90, 15.931,
278.292

Harmonies

Complementary

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



78, 55.153, 95.556



49, 61.937, 292.872

Rectangle

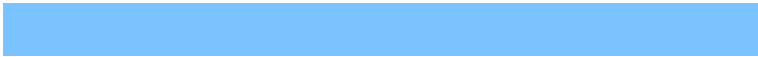
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78, 55.153, 95.556



78, 55.153, 145.556



78, 55.153, 275.556



78, 55.153, 325.556

Sweetspot

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



78, 55.154, 95.559



97, 19.665, 100.374



54, 53.537, 15.114



51, 13.671, 100.038



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 55.154, 95.559



90, 73.860, 94.106



81, 65.641, 120.029



44, 5.369, 101.355



60, 64.409, 90.897



14, 21.112, 94.058

Inverse Universe

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



49, 61.937, 292.872



50, 87.268, 296.260



48, 74.754, 307.360



42, 5.444, 283.519



23, 89.370, 303.347



3, 24.441, 290.010

Previews

White Background



This preview shows how the CIELCh color 78, 55.153, 95.556 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 78, 55.153, 95.556 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 78, 55.153, 95.556

Background



This preview shows how black text looks on a background with the CIELCh color 78, 55.153, 95.556.



This preview shows how white text looks on a background with the CIELCh color 78, 55.153, 95.556.

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

78, 55.153, 95.556

Protanopia

78, 55.153, 95.556

Deuteranopia

78, 55.032, 79.942



Tritanopia
78, 17.395, 355.550

Trichromacy



Original Color
78, 55.153, 95.556

Protanomaly
78, 55.153, 95.556

Deuteranomaly
78, 54.387, 85.559

Tritanomaly
78, 21.226, 68.492

Monochromacy



Original Color
78, 55.153, 95.556

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 20.529, 99.295

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 55.153, 95.556 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(214, 193, 87)` looks like.

```
.text, #text, p{  
    color:rgb(214, 193, 87)  
}
```

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(214, 193, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 193, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 55.153, 95.556 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(214, 193, 87) }
```

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

```
.border{ border-color:rgb(214, 193, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 193, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 193, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 193, 87);  
box-shadow:4px 4px 4px 4px rgb(214, 193,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 55.153, 95.556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 193, 87) }
```

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

```
.background{ background-color: rgb(214,  
193, 87) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor