

Converting Colors

CIELCh(78, 53.355, 105.881)

Have a look what the booklet for
CIELCh(78, 53.355, 105.881)
contains.

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Color

CIELCh(78, 53.240, 105.706)

Conversions

Conversions Part 1

Format	Color
Hex	C5C65E
RGB	197, 198, 94
RGB Percent	77%, 78%, 37%
CMY	0.2265, 0.2226, 0.6305
CMYK	0.01, 0.00, 0.52, 0.22
HSL	61°, 48%, 57%
HSV	61°, 52%, 78%
XYZ	45.3690, 53.2120, 18.5219
YIQ	185.8450, 32.7880, -32.5560

Conversions

Conversions Part 2

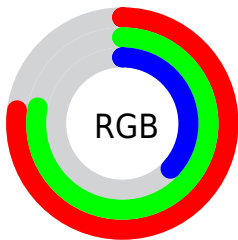
Format	Color
R_{YB}	94, 198, 95
Decimal	12961374
CIE _{Lab}	78.00, -14.41, 51.25
CIE _{LCh}	78, 53.240, 105.706
Yxy	53.2120, 0.3874, 0.4544
Android (android.graphics.Color)	4291151454 (0xFFC5C65E)
YUV	185.8450, -45.2796, 9.7829
Hunter-Lab	72.9466, -16.6386, 36.0082

Details

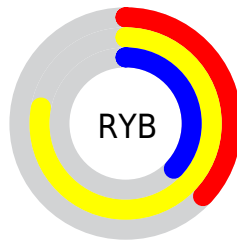
The CIELCh color **78, 53.240, 105.706** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **45, 61.699, 298.170**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 53.521, 106.082**, and **58, 52.935, 105.498** is the 20% darker color. If you saturate the color by 10%, you get **78, 61.901, 104.936**, and if you desaturate by 10%, it is **78, 43.777, 106.569**.

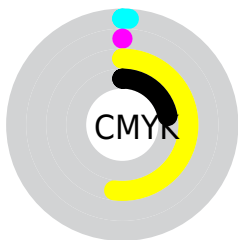
Distribution



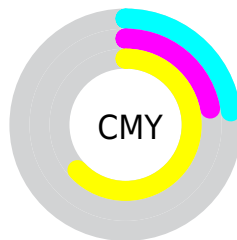
- Red (77%)
- Green (78%)
- Blue (37%)



- Red (37%)
- Yellow (78%)
- Blue (37%)



- Cyan (1%)
- Magenta (0%)
- Yellow (52%)
- Black (22%)





- Cyan (23%)
- Magenta (22%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 53.240, 105.706 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, 53.240, 105.706 by changing the saturation by 10% instead.


 78, 53.240,
105.706


 78, 53.240,
105.706


 100, 53.240,
105.706


 68, 53.240,
105.706


 98, 53.240,
105.706

 58, 53.240,
105.706

 48, 53.240,
105.706

 38, 53.240,
105.706

 28, 53.240,
105.706

 18, 53.240,
105.706

 8, 53.240, 105.706

0, 53.240, 105.706

78, 53.240,
105.706

78, 53.240,
105.706

78, 61.901,
104.936

78, 43.777,
106.569

78, 69.340,
104.291

79, 33.812,
107.484

78, 75.060,
103.817

79, 23.547,
108.426

77, 78.653,
103.545

79, 13.113,
109.376

77, 80.185,
103.449

80, 2.594, 110.301

80, 7.955, 291.257

81, 18.496,

292.150

■ 82, 29.004,
293.011

■ 82, 30.159,
293.207

Harmonies

Complementary

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



78, 53.240, 105.706



45, 61.699, 298.170

Rectangle

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



78, 53.240, 105.706



78, 53.240, 155.706



78, 53.240, 285.706



78, 53.240, 335.706

Sweetspot

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



78, 53.241, 105.709



99, 20.620, 109.018



53, 45.983, 25.619



53, 13.912, 108.820



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, 53.241, 105.709



97, 76.251, 104.832



74, 57.632, 126.675



42, 5.983, 109.667



65, 69.407, 103.440



13, 20.291, 106.553

Inverse Universe

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



45, 61.699, 298.170



49, 92.656, 300.600



50, 62.293, 311.722



38, 6.115, 291.505



19, 95.776, 306.320



1, 21.513, 291.999

Previews

White Background



This preview shows how the CIELCh color 78, 53.240, 105.706 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 CIE LCh color 78, 53.240, 105.706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

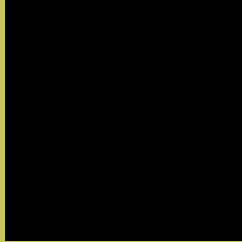
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 53.240, 105.706

Background



This preview shows how black text looks on a background with the CIELCh color 78, 53.240, 105.706.



This preview shows how white text looks on a background with the CIELCh color 78, 53.240, 105.706.

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, 53.240, 105.706

Protanopia
78, 52.344, 95.828

Deuteranopia
78, 51.280, 79.044



Tritanopia
78, 10.793, 336.345

Trichromacy



Original Color
78, 53.240, 105.706

Protanomaly
78, 52.691, 99.658

Deuteranomaly
78, 50.342, 88.593

Tritanomaly
78, 16.294, 90.404

Monochromacy



Original Color
78, 53.240, 105.706

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 19.740, 108.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 53.240, 105.706 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(197, 198, 94)` looks like.

```
.text, #text, p{  
    color:rgb(197, 198, 94)  
}
```

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(197, 198, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 53.240, 105.706 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(197, 198, 94) }
```

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

```
.border{ border-color:rgb(197, 198, 94) }
```

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

Here you see how a box with a 4 pixel rgb(197, 198, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 198, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 198, 94);  
box-shadow:4px 4px 4px 4px rgb(197, 198,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 53.240, 105.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 198, 94) }
```

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

```
.background{ background-color: rgb(197,  
198, 94) }
```

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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