

Converting Colors

CIELCh(53, 55.218, 104.892)

Have a look what the booklet for
CIELCh(53, 55.218, 104.892)
contains.

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Color

CIELCh(53, 55.298, 105.292)

Conversions

Conversions Part 1

Format	Color
Hex	808415
RGB	128, 132, 21
RGB Percent	50%, 52%, 8%
CMY	0.4992, 0.4834, 0.9191
CMYK	0.03, 0.00, 0.84, 0.48
HSL	62°, 73%, 30%
HSV	62°, 84%, 52%
XYZ	17.2029, 21.0462, 3.8467
YIQ	118.1500, 33.2470, -35.3690

Conversions

Conversions Part 2

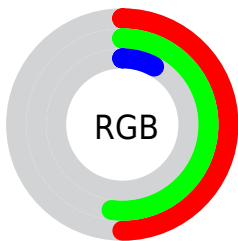
Format	Color
R_{YB}	21, 132, 25
Decimal	8422421
CIE Lab	53.00, -14.58, 53.34
CIE LCh	53, 55.298, 105.292
Yxy	21.0462, 0.4087, 0.5000
Android (android.graphics.Color)	4286612501 (0xFF808415)
YUV	118.1500, -47.8950, 8.6384
Hunter-Lab	45.8761, -13.3480, 27.1419

Details

The CIELCh color **53, 55.298, 105.292** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **17, 72.374, 304.432**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 55.318, 105.245**, and **33, 43.103, 108.286** is the 20% darker color. If you saturate the color by 10%, you get **53, 58.078, 105.105**, and if you desaturate by 10%, it is **53, 51.094, 105.691**.

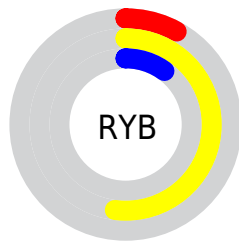
Distribution



Red (50%)

Green (52%)

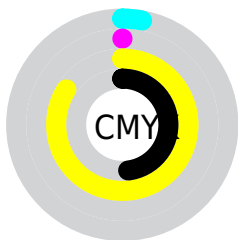
Blue (8%)



Red (8%)

Yellow (52%)

Blue (10%)

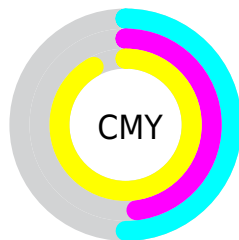


Cyan (3%)

Magenta (0%)

Yellow (84%)

Black (48%)



Cyan (50%)


Magenta (48%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 55.298, 105.292 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 53, 55.298, 105.292 by changing the saturation by 10% instead.


 53, 55.298,
105.292


 53, 55.298,
105.292


 100, 55.298,
105.292


 43, 55.298,
105.292


 73, 55.298,
105.292

 33, 55.298,
105.292

 83, 55.298,
105.292

 23, 55.298,
105.292

 93, 55.298,
105.292

 13, 55.298,
105.292

 3, 55.298, 105.292

 0, 55.298, 105.292

■ 53, 55.298,
105.292

■ 53, 55.298,
105.292

■ 53, 58.078,
105.105

■ 53, 51.094,
105.691

■ 53, 59.412,
105.030

■ 53, 45.720,
106.263

■ 53, 39.508,
106.964

■ 54, 32.739,
107.753

■ 54, 25.615,
108.597

■ 54, 18.274,
109.469

■ 54, 10.807,
110.349

■ 55, 3.275, 111.217

Harmonies

Complementary

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



53, 55.298, 105.292



17, 72.374, 304.432

Rectangle

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



53, 55.298, 105.292



53, 55.298, 155.292



53, 55.298, 285.292



53, 55.298, 335.292

Sweetspot

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



53, 55.298, 105.294



69, 23.196, 109.362



28, 54.255, 35.395



36, 15.922, 109.098



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



53, 55.298, 105.294



67, 71.863, 105.078



49, 61.544, 127.666



28, 4.276, 110.805



52, 58.865, 105.027



1, 1.029, 111.602

Inverse Universe

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



17, 72.374, 304.432



20, 98.932, 306.405



23, 68.536, 313.424



25, 4.366, 292.453



13, 80.982, 306.450



0, 1.029, 291.603

Previews

White Background



This preview shows how the CIELCh color 53, 55.298, 105.292 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 55.298, 105.292 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 × Fail

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

CIELCh 53, 55.298, 105.292

Background



This preview shows how black text looks on a background with the CIELCh color 53, 55.298, 105.292.



This preview shows how white text looks on a background with the CIELCh color 53, 55.298, 105.292.

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


53, 55.298, 105.292

Protanopia

53, 54.572, 95.229

Deuteranopia

53, 52.541, 82.698



Tritanopia
53, 7.640, 337.372

Trichromacy



Original Color
53, 55.298, 105.292

Protanomaly
53, 54.576, 99.323

Deuteranomaly
53, 52.554, 90.854

Tritanomaly
53, 20.372, 97.652

Monochromacy



Original Color
53, 55.298, 105.292

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 22.960, 108.279

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 55.298, 105.292 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(128, 132, 21)` looks like.

```
.text, #text, p{  
    color:rgb(128, 132, 21)  
}
```

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(128, 132, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 132, 21) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 55.298, 105.292 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(128, 132, 21) }
```

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

```
.border{ border-color:rgb(128, 132, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 132, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 132, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 132, 21);  
box-shadow:4px 4px 4px 4px rgb(128, 132,  
21) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 55.298, 105.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 132, 21) }
```

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

```
.background{ background-color: rgb(128,  
132, 21) }
```

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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