

Converting Colors

CIELCh(53, 22.005, 152.383)

Have a look what the booklet for
CIELCh(53, 22.005, 152.383)
contains.

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Color

CIELCh(53, 22.033, 152.365)

Conversions

Conversions Part 1

Format	Color
Hex	60876C
RGB	96, 135, 108
RGB Percent	38%, 53%, 42%
CMY	0.6219, 0.4689, 0.5749
CMYK	0.29, 0.00, 0.20, 0.47
HSL	138°, 17%, 45%
HSV	138°, 29%, 53%
XYZ	16.3180, 21.0462, 17.5028
YIQ	120.2610, -14.5770, -16.6650

Conversions

Conversions Part 2

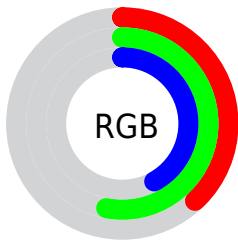
Format	Color
R_{YB}	96, 126, 135
Decimal	6326124
CIE _{Lab}	53.00, -19.52, 10.22
CIE _{LCh}	53, 22.033, 152.365
Yxy	21.0462, 0.2974, 0.3836
Android (android.graphics.Color)	4284516204 (0xFF60876C)
YUV	120.2610, -6.0447, -21.2769
Hunter-Lab	45.8761, -16.7912, 9.4928

Details

The CIELCh color $53, 22.033, 152.365$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $46, 22.274, 336.607$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 22.063, 152.361$, and $33, 21.765, 152.845$ is the 20% darker color. If you saturate the color by 10%, you get $52, 29.532, 151.360$, and if you desaturate by 10%, it is $54, 14.395, 153.245$.

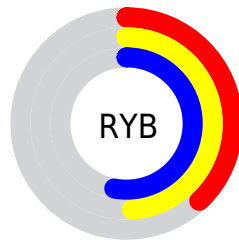
Distribution



Red (38%)

Green (53%)

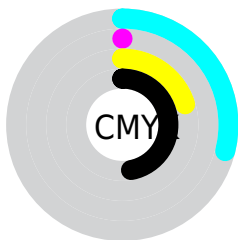
Blue (42%)



Red (38%)

Yellow (49%)

Blue (53%)

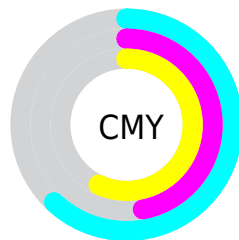


Cyan (29%)

Magenta (0%)

Yellow (20%)

Black (47%)



Cyan (62%)


Magenta (47%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 22.033, 152.365 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, 22.033, 152.365 by changing the saturation by 10% instead.


 53, 22.033,
152.365


 53, 22.033,
152.365


 100, 22.033,
152.365


 43, 22.033,
152.365


 73, 22.033,
152.365

 33, 22.033,
152.365

 83, 22.033,
152.365

 23, 22.033,
152.365

 93, 22.033,
152.365

 13, 22.033,
152.365

 3, 22.033, 152.365

 0, 22.033, 152.365

■ 53, 22.033,
152.365

■ 53, 22.033,
152.365

■ 52, 29.532,
151.360

■ 54, 14.395,
153.245

■ 51, 36.764,
150.210

■ 55, 6.719, 154.031

■ 51, 43.595,
148.896

■ 57, 0.907, 334.385

■ 58, 8.419, 335.234

■ 50, 49.891,
147.408

■ 60, 15.771,
335.781

■ 50, 55.529,
145.747

■ 61, 22.932,
336.264

■ 49, 60.420,
143.937


■ 63, 29.883,
336.699

■ 49, 64.607,
142.123

■ 65, 36.615,
337.093

■ 49, 65.078,

141.931

 67, 43.127,
337.453

Harmonies

Complementary

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



53, 22.033, 152.365



46, 22.274, 336.607

Rectangle

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



53, 22.033, 152.365



53, 22.033, 202.365



53, 22.033, 332.365



53, 22.033, 22.365

Sweetspot

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



53, 22.034, 152.365



70, 8.500, 154.002



55, 22.671, 120.187



37, 5.957, 153.903



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



53, 22.034, 152.365



67, 33.047, 151.680



53, 15.317, 180.685



28, 4.363, 154.004



48, 64.028, 141.975



1, 2.020, 154.596

Inverse Universe

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



46, 22.274, 336.607



56, 33.446, 337.158



45, 17.187, 6.284



27, 4.385, 335.163



29, 56.832, 344.827



0, 2.020, 334.589

Previews

White Background



This preview shows how the CIE LCh color 53, 22.033, 152.365 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, 22.033, 152.365 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, 22.033, 152.365

Background



This preview shows how black text looks on a background with the CIELCh color 53, 22.033, 152.365.



This preview shows how white text looks on a background with the CIELCh color 53, 22.033, 152.365.

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, 22.033, 152.365

Protanopia
53, 13.005, 95.287

Deuteranopia
53, 11.393, 50.502



Tritanopia
53, 11.471, 229.016

Trichromacy



Original Color
53, 22.033, 152.365

Protanomaly
53, 13.759, 124.325

Deuteranomaly
52, 9.229, 106.413

Tritanomaly
53, 12.273, 187.254

Monochromacy



Original Color
53, 22.033, 152.365

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 8.125, 152.998

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 22.033, 152.365 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(96, 135, 108)` looks like.

```
.text, #text, p{  
    color:rgb(96, 135, 108)  
}
```

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(96, 135, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 135, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 22.033, 152.365 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(96, 135, 108) }
```

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

```
.border{ border-color:rgb(96, 135, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 135, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 135, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 135, 108);  
box-shadow:4px 4px 4px 4px rgb(96, 135,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 22.033, 152.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 135, 108) }
```

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

```
.background{ background-color: rgb(96, 135,  
108) }
```

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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