

Converting Colors

CIELCh(52, 30.938, 145.130)

Have a look what the booklet for
CIELCh(52, 30.938, 145.130)
contains.

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Color

CIELCh(52, 30.975, 145.439)

Conversions

Conversions Part 1

Format	Color
Hex	57875D
RGB	87, 135, 93
RGB Percent	34%, 53%, 36%
CMY	0.6588, 0.4706, 0.6353
CMYK	0.36, 0.00, 0.31, 0.47
HSL	127°, 22%, 44%
HSV	127°, 36%, 53%
XYZ	14.5701, 20.1443, 13.4760
YIQ	115.8600, -15.1260, -23.2380

Conversions

Conversions Part 2

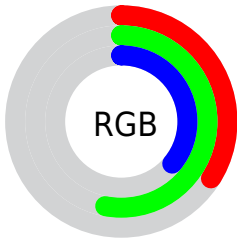
Format	Color
R_{YB}	87, 130, 135
Decimal	5736285
CIE _{Lab}	52.00, -25.51, 17.57
CIE _{LCh}	52, 30.975, 145.439
Yxy	20.1443, 0.3023, 0.4180
Android (android.graphics.Color)	4283926365 (0xFF57875D)
YUV	115.8600, -11.2700, -25.3102
Hunter-Lab	44.8824, -20.5983, 13.6158

Details

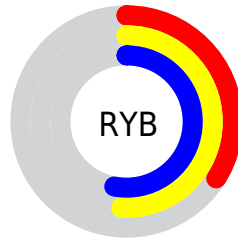
The CIELCh color $52, 30.975, 145.439$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $44, 31.003, 330.092$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 30.948, 145.435$, and $32, 30.851, 145.698$ is the 20% darker color. If you saturate the color by 10%, you get $51, 39.372, 144.426$, and if you desaturate by 10%, it is $53, 22.321, 146.321$.

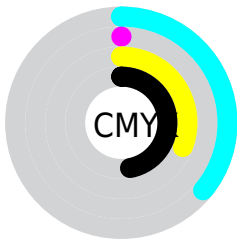
Distribution



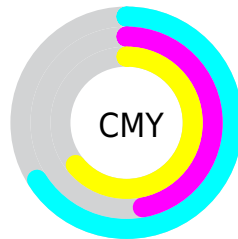
- Red (34%)
- Green (53%)
- Blue (36%)



- Red (34%)
- Yellow (51%)
- Blue (53%)



- Cyan (36%)
- Magenta (0%)
- Yellow (31%)
- Black (47%)




- Cyan (66%)
- Magenta (47%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 30.975, 145.439 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 52, 30.975, 145.439 by changing the saturation by 10% instead.


 52, 30.975,
145.439


 52, 30.975,
145.439


 100, 30.975,
145.439


 42, 30.975,
145.439


 72, 30.975,
145.439

 32, 30.975,
145.439

 82, 30.975,
145.439

 22, 30.975,
145.439

 92, 30.975,
145.439

 12, 30.975,
145.439

 2, 30.975, 145.439

 0, 30.975, 145.439

■ 52, 30.975,
145.439

■ 52, 30.975,
145.439

■ 51, 39.372,
144.426

■ 53, 22.321,
146.321

■ 50, 47.325,
143.278

■ 54, 13.559,
147.085

■ 50, 54.629,
142.004

■ 56, 4.812, 147.766

■ 49, 61.063,
140.641

■ 57, 3.827, 328.226

■ 49, 66.401,
139.260

■ 59, 12.293,
328.749

■ 49, 70.461,
137.985

■ 60, 20.542,
329.175

■ 49, 71.908,
137.575

■ 62, 28.547,
329.543

■ 64, 36.296,
329.864

■ 66, 43.784,
330.145

Harmonies

Complementary

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



52, 30.975, 145.439



44, 31.003, 330.092

Rectangle

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



52, 30.975, 145.439



52, 30.975, 195.439



52, 30.975, 325.439



52, 30.975, 15.439

Sweetspot

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



52, 30.976, 145.439



70, 11.877, 147.384



55, 27.141, 112.044



37, 8.049, 147.306



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



52, 30.976, 145.439



66, 46.216, 144.597



53, 21.162, 167.008



27, 4.826, 147.528



47, 69.906, 137.625



1, 1.152, 148.046

Inverse Universe

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



44, 31.003, 330.092



53, 46.144, 330.586



43, 22.764, 354.180



26, 4.838, 328.531



29, 63.761, 333.740



0, 1.152, 328.041

Previews

White Background



This preview shows how the CIELCh color 52, 30.975, 145.439 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 52, 30.975, 145.439 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 52, 30.975, 145.439

Background



This preview shows how black text looks on a background with the CIELCh color 52, 30.975, 145.439.



This preview shows how white text looks on a background with the CIELCh color 52, 30.975, 145.439.

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
52, 30.975, 145.439

Protanopia
52, 20.637, 95.135

Deuteranopia
52, 16.973, 68.119



Tritanopia
52, 12.930, 225.240

Trichromacy



Original Color
52, 30.975, 145.439

Protanomaly
51, 21.738, 120.070

Deuteranomaly
52, 16.713, 110.978

Tritanomaly
52, 15.342, 177.825

Monochromacy



Original Color
52, 30.975, 145.439

Achromatopsia
49, 0.007, 296.813

Achromatomaly
50, 11.465, 148.487

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 30.975, 145.439 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(87, 135, 93)` looks like.

```
.text, #text, p{  
    color:rgb(87, 135, 93)  
}
```

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(87, 135, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 135, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 30.975, 145.439 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(87, 135, 93) }
```

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

```
.border{ border-color:rgb(87, 135, 93) }
```

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

Here you see how a box with a 4 pixel rgb(87, 135, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 135, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 135, 93);  
box-shadow:4px 4px 4px 4px rgb(87, 135,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 30.975, 145.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 135, 93) }
```

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

```
.background{ background-color: rgb(87, 135,  
93) }
```

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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