

Converting Colors

CIELCh(52, 25.261, 146.782)

Have a look what the booklet for
CIELCh(52, 25.261, 146.782)
contains.

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Color

CIELCh(52, 24.772, 146.902)

Conversions

Conversions Part 1

Format	Color
Hex	5E8564
RGB	94, 133, 100
RGB Percent	37%, 52%, 39%
CMY	0.6306, 0.4776, 0.6071
CMYK	0.29, 0.00, 0.25, 0.48
HSL	129°, 17%, 45%
HSV	129°, 29%, 52%
XYZ	15.3609, 20.1443, 15.1839
YIQ	117.5770, -12.6510, -18.5310

Conversions

Conversions Part 2

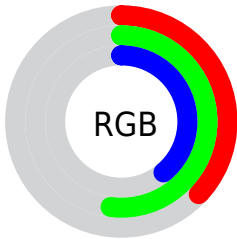
Format	Color
R_{YB}	94, 128, 133
Decimal	6194532
CIE _{Lab}	52.00, -20.75, 13.53
CIE _{LCh}	52, 24.772, 146.902
Yxy	20.1443, 0.3030, 0.3974
Android (android.graphics.Color)	4284384612 (0xFF5E8564)
YUV	117.5770, -8.6655, -20.6770
Hunter-Lab	44.8824, -17.4533, 11.3597

Details

The CIELCh color $52, 24.772, 146.902$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $45, 24.837, 330.687$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 24.625, 147.220$, and $32, 24.725, 146.799$ is the 20% darker color. If you saturate the color by 10%, you get $51, 33.087, 145.963$, and if you desaturate by 10%, it is $53, 16.307, 147.717$.

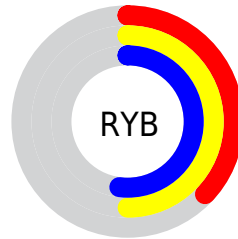
Distribution



Red (37%)

Green (52%)

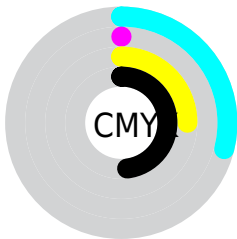
Blue (39%)



Red (37%)

Yellow (50%)

Blue (52%)

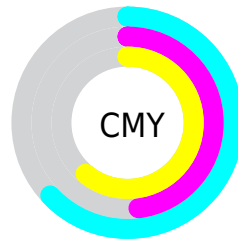


Cyan (29%)

Magenta (0%)

Yellow (25%)

Black (48%)



Cyan (63%)


Magenta (48%)


Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 24.772, 146.902 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, 24.772, 146.902 by changing the saturation by 10% instead.


 52, 24.772,
146.902


 52, 24.772,
146.902


 100, 24.772,
146.902


 42, 24.772,
146.902


 72, 24.772,
146.902

 32, 24.772,
146.902

 82, 24.772,
146.902

 22, 24.772,
146.902

 92, 24.772,
146.902

 12, 24.772,
146.902

 2, 24.772, 146.902

 0, 24.772, 146.902

■ 52, 24.772,
146.902

■ 52, 24.772,
146.902

■ 51, 33.087,
145.963

■ 53, 16.307,
147.717

■ 50, 41.094,
144.887

■ 54, 7.816, 148.430

■ 50, 48.617,
143.669

■ 56, 0.603, 328.641

■ 57, 8.878, 329.502

■ 49, 55.463,
142.322

■ 59, 16.959,
329.967

■ 49, 61.431,
140.882

■ 60, 24.814,
330.366

■ 48, 66.331,
139.422


■ 62, 32.426,
330.716

■ 48, 70.110,
138.156

■ 64, 39.788,
331.024

■ 48, 70.346,

138.087

 66, 46.900,
331.297

Harmonies

Complementary

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



52, 24.772, 146.902



45, 24.837, 330.687

Rectangle

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



52, 24.772, 146.902



52, 24.772, 196.902



52, 24.772, 326.902



52, 24.772, 16.902

Sweetspot

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



52, 24.773, 146.902



69, 9.396, 148.436



54, 22.275, 113.947



36, 6.507, 148.350



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



52, 24.773, 146.902



66, 36.642, 146.306



52, 16.961, 169.827



27, 4.729, 148.441



47, 69.078, 138.123



1, 1.128, 148.967

Inverse Universe

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



45, 24.837, 330.687



55, 36.708, 331.087



44, 18.167, 355.583



26, 4.741, 329.462



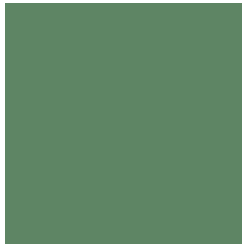
29, 62.398, 335.226



0, 1.129, 328.962

Previews

White Background



This preview shows how the CIELCh color 52, 24.772, 146.902 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 CIE LCh color 52, 24.772, 146.902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

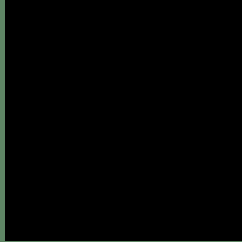
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 24.772, 146.902

Background



This preview shows how black text looks on a background with the CIELCh color 52, 24.772, 146.902.



This preview shows how white text looks on a background with the CIELCh color 52, 24.772, 146.902.

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, 24.772, 146.902

Protanopia
52, 16.074, 94.043

Deuteranopia
52, 14.026, 61.149



Tritanopia
52, 11.211, 229.962

Trichromacy



Original Color
52, 24.772, 146.902

Protanomaly
52, 17.119, 120.944

Deuteranomaly
52, 12.706, 106.620

Tritanomaly
52, 12.347, 181.680

Monochromacy



Original Color
52, 24.772, 146.902

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 9.302, 149.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 24.772, 146.902 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(94, 133, 100)` looks like.

```
.text, #text, p{  
    color:rgb(94, 133, 100)  
}
```

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(94, 133, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 133, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 24.772, 146.902 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(94, 133, 100) }
```

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

```
.border{ border-color:rgb(94, 133, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 133, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 133, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 133, 100);  
box-shadow:4px 4px 4px 4px rgb(94, 133,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 24.772, 146.902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 133, 100) }
```

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

```
.background{ background-color: rgb(94, 133,  
100) }
```

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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