

Converting Colors

CIELCh(54, 19.935, 139.468)

Have a look what the booklet for
CIELCh(54, 19.935, 139.468)
contains.

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Color

CIELCh(54, 20.240, 139.618)

Conversions

Conversions Part 1

Format	Color
Hex	6E886A
RGB	110, 136, 106
RGB Percent	43%, 53%, 42%
CMY	0.5685, 0.4665, 0.5842
CMYK	0.19, 0.00, 0.22, 0.47
HSL	112°, 12%, 47%
HSV	112°, 22%, 53%
XYZ	17.8452, 21.9746, 16.9443
YIQ	124.8060, -5.8660, -14.8420

Conversions

Conversions Part 2

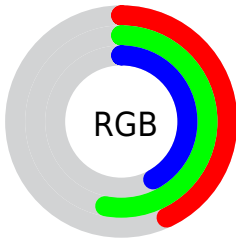
Format	Color
R_{YB}	106, 136, 132
Decimal	7243882
CIE _{Lab}	54.00, -15.42, 13.11
CIE _{LCh}	54, 20.240, 139.618
Y _{xy}	21.9746, 0.3144, 0.3871
Android (android.graphics.Color)	4285433962 (0xFF6E886A)
YUV	124.8060, -9.2714, -12.9849
Hunter-Lab	46.8770, -14.0831, 11.3828

Details

The CIELCh color $54, 20.240, 139.618$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $48, 20.373, 321.759$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 20.152, 139.256$, and $34, 19.895, 139.709$ is the 20% darker color. If you saturate the color by 10%, you get $53, 29.404, 138.972$, and if you desaturate by 10%, it is $55, 11.026, 140.194$.

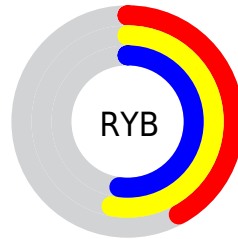
Distribution



Red (43%)

Green (53%)

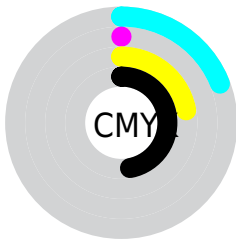
Blue (42%)



Red (42%)

Yellow (53%)

Blue (52%)

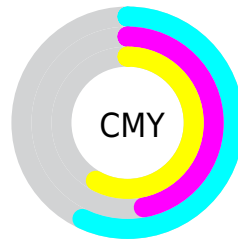


Cyan (19%)

Magenta (0%)

Yellow (22%)

Black (47%)



Cyan (57%)


Magenta (47%)

Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 20.240, 139.618 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 54, 20.240, 139.618 by changing the saturation by 10% instead.


 54, 20.240,
139.618

 54, 20.240,
139.618


 100, 20.240,
139.618

 44, 20.240,
139.618


 74, 20.240,
139.618

 34, 20.240,
139.618

 84, 20.240,
139.618

 24, 20.240,
139.618

 94, 20.240,
139.618

 14, 20.240,
139.618

 4, 20.240, 139.618

 0, 20.240, 139.618

■ 54, 20.240,
139.618

■ 54, 20.240,
139.618

■ 53, 29.404,
138.972

■ 55, 11.026,
140.194

■ 52, 38.373,
138.256

■ 56, 1.863, 140.764

■ 51, 46.962,
137.492

■ 58, 7.173, 321.076

■ 51, 54.926,
136.723

■ 59, 16.030,
321.454

■ 50, 61.956,
136.024

■ 61, 24.675,
321.770

■ 50, 67.690,
135.506

■ 63, 33.088,
322.039

■ 49, 71.785,
135.285

■ 64, 41.259,
322.267

■ 49, 74.185,

■ 66, 49.187,
322.461

135.130

 68, 56.876,
322.626

Harmonies

Complementary

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



54, 20.240, 139.618



48, 20.373, 321.759

Rectangle

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



54, 20.240, 139.618



54, 20.240, 189.618



54, 20.240, 319.618



54, 20.240, 9.618

Sweetspot

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



54, 20.241, 139.619



71, 7.875, 140.456



55, 14.923, 101.810



37, 5.159, 140.431



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



54, 20.241, 139.619



68, 29.450, 139.336



54, 16.199, 155.417



28, 5.204, 140.349



48, 72.806, 135.111



1, 2.408, 140.768

Inverse Universe

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



48, 20.373, 321.759



60, 29.671, 321.964



48, 16.412, 338.723



27, 5.225, 321.160



28, 71.816, 323.243



0, 2.408, 320.763

Previews

White Background



This preview shows how the CIELCh color 54, 20.240, 139.618 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 54, 20.240, 139.618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

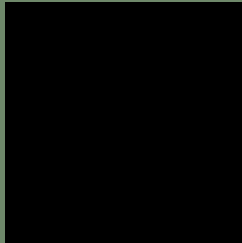
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 20.240, 139.618

Background



This preview shows how black text looks on a background with the CIELCh color 54, 20.240, 139.618.



This preview shows how white text looks on a background with the CIELCh color 54, 20.240, 139.618.

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

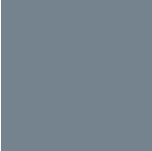
54, 20.240, 139.618

Protanopia

54, 15.834, 95.693

Deuteranopia

54, 13.498, 59.555



Tritanopia
54, 8.318, 248.956

Trichromacy



Original Color
54, 20.240, 139.618

Protanomaly
54, 16.685, 115.410

Deuteranomaly
54, 11.754, 96.276

Tritanomaly
54, 7.726, 181.252

Monochromacy



Original Color
54, 20.240, 139.618

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 7.340, 138.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 20.240, 139.618 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(110, 136, 106)` looks like.

```
.text, #text, p{  
    color:rgb(110, 136, 106)  
}
```

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(110, 136, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 136, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 20.240, 139.618 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(110, 136, 106) }
```

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

```
.border{ border-color:rgb(110, 136, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 136, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 136, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 136, 106);  
box-shadow:4px 4px 4px 4px rgb(110, 136,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 20.240, 139.618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 136, 106) }
```

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

```
.background{ background-color: rgb(110,  
136, 106) }
```

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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