

Converting Colors

CIELCh(54, 25.920, 244.822)

Have a look what the booklet for
CIELCh(54, 25.920, 244.822)
contains.

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Color

CIELCh(54, 25.984, 245.754)

Conversions

Conversions Part 1

Format	Color
Hex	4888A9
RGB	72, 136, 169
RGB Percent	28%, 53%, 66%
CMY	0.7161, 0.4653, 0.3359
CMYK	0.57, 0.19, 0.00, 0.34
HSL	200°, 40%, 47%
HSV	200°, 57%, 66%
XYZ	18.7477, 21.9746, 40.9643
YIQ	120.6260, -48.7370, -3.3050

Conversions

Conversions Part 2

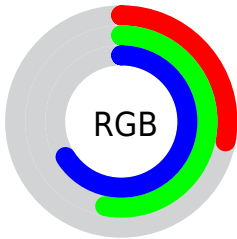
Format	Color
R_{YB}	72, 111, 169
Decimal	4753577
CIE _{Lab}	54.00, -10.67, -23.69
CIE _{LCh}	54, 25.984, 245.754
Yxy	21.9746, 0.2295, 0.2690
Android (android.graphics.Color)	4282943657 (0xFF4888A9)
YUV	120.6260, 23.8484, -42.6450
Hunter-Lab	46.8770, -10.6467, -18.9977

Details

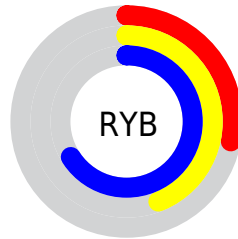
The CIELCh color `54, 25.984, 245.754` is a dark color, and the websafe version is hex `3399CC`. A complement of this color would be `51, 36.604, 52.722`, and the grayscale version is `51, 0.007, 296.813`.

A 20% lighter version of the original color is `74, 25.903, 245.901`, and `34, 25.864, 247.185` is the 20% darker color. If you saturate the color by 10%, you get `52, 29.385, 248.804`, and if you desaturate by 10%, it is `56, 22.193, 243.260`.

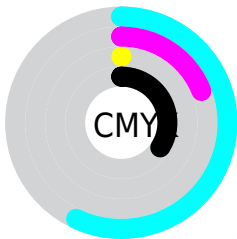
Distribution



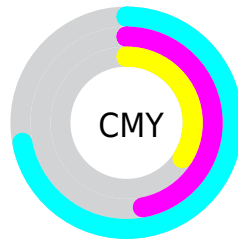
- Red (28%)
- Green (53%)
- Blue (66%)



- Red (28%)
- Yellow (44%)
- Blue (66%)



- Cyan (57%)
- Magenta (19%)
- Yellow (0%)
- Black (34%)





- Cyan (72%)
- Magenta (47%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 25.984, 245.754 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, 25.984, 245.754 by changing the saturation by 10% instead.


 54, 25.984,
245.754


 54, 25.984,
245.754


 100, 25.984,
245.754


 44, 25.984,
245.754


 74, 25.984,
245.754

 34, 25.984,
245.754

 84, 25.984,
245.754

 24, 25.984,
245.754

 94, 25.984,
245.754

 14, 25.984,
245.754

 4, 25.984, 245.754

 0, 25.984, 245.754

■ 54, 25.984,
245.754

■ 54, 25.984,
245.754

■ 52, 29.385,
248.804

■ 56, 22.193,
243.260

■ 49, 32.420,
252.476

■ 59, 18.032,
241.242

■ 47, 35.158,
256.787

■ 62, 13.539,
239.619

■ 45, 37.741,
261.614

■ 64, 8.763, 238.323

■ 67, 3.756, 237.328

■ 45, 38.474,
262.905

■ 70, 1.433, 56.061

■ 73, 6.762, 55.600

■ 76, 12.192, 55.062

■ 79, 17.695, 54.608

Harmonies

Complementary

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



54, 25.984, 245.754



51, 36.604, 52.722

Rectangle

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



54, 25.984, 245.754



54, 25.984, 295.754



54, 25.984, 65.754



54, 25.984, 115.754

Sweetspot

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



54, 25.983, 245.753



82, 10.650, 238.327



62, 49.952, 149.953



42, 7.085, 238.551



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



54, 25.983, 245.753



65, 36.764, 249.825



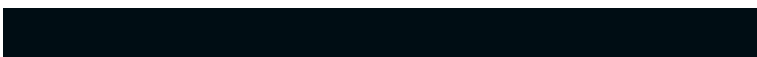
40, 49.053, 292.052



34, 2.902, 237.500



39, 34.595, 262.278



3, 5.494, 246.031

Inverse Universe

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



46, 50.132, 340.832



54, 70.891, 342.426



63, 44.144, 95.825



33, 5.062, 336.579



32, 60.217, 347.511



2, 8.669, 339.465

Previews

White Background



This preview shows how the CIELCh color 54, 25.984, 245.754 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, 25.984, 245.754 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, 25.984, 245.754

Background



This preview shows how black text looks on a background with the CIELCh color 54, 25.984, 245.754.

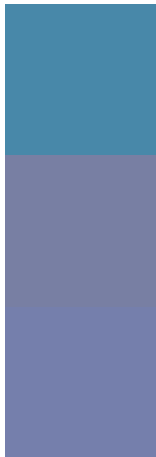


This preview shows how white text looks on a background with the CIELCh color 54, 25.984, 245.754.

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, 25.984, 245.754

Protanopia

54, 20.854, 285.994

Deuteranopia

54, 26.063, 285.929



Tritanopia
54, 23.685, 213.034

Trichromacy



Original Color
54, 25.984, 245.754

Protanomaly
54, 21.727, 268.329

Deuteranomaly
54, 25.019, 271.126

Tritanomaly
54, 23.650, 225.479

Monochromacy



Original Color
54, 25.984, 245.754

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 10.972, 238.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 25.984, 245.754 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(72, 136, 169)` looks like.

```
.text, #text, p{  
    color:rgb(72, 136, 169)  
}
```

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(72, 136, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 136, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 25.984, 245.754 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(72, 136, 169) }
```

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

```
.border{ border-color:rgb(72, 136, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 136, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 136, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 136, 169);  
box-shadow:4px 4px 4px 4px rgb(72, 136,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 25.984, 245.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 136, 169) }
```

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

```
.background{ background-color: rgb(72, 136,  
169) }
```

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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