

Converting Colors

CIELCh(54, 23.901, 218.907)

Have a look what the booklet for
CIELCh(54, 23.901, 218.907)
contains.

CIELCh(54, 23.922, 218.863)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 23.922, 218.863)

Conversions

Conversions Part 1

Format	Color
Hex	408B9A
RGB	64, 139, 154
RGB Percent	25%, 55%, 60%
CMY	0.7480, 0.4540, 0.3951
CMYK	0.58, 0.10, 0.00, 0.40
HSL	190°, 41%, 43%
HSV	190°, 58%, 60%
XYZ	17.2518, 21.9746, 34.0101
YIQ	118.2850, -49.5150, -11.2350

Conversions

Conversions Part 2

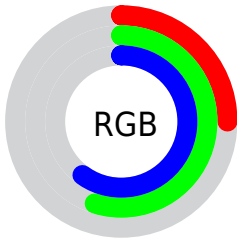
Format	Color
R_{YB}	64, 105, 154
Decimal	4230042
CIE _{Lab}	54.00, -18.63, -15.01
CIE _{LCh}	54, 23.922, 218.863
Yxy	21.9746, 0.2356, 0.3000
Android (android.graphics.Color)	4282420122 (0xFF408B9A)
YUV	118.2850, 17.6075, -47.6079
Hunter-Lab	46.8770, -16.3426, -10.2020

Details

The CIELCh color **54, 23.922, 218.863** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **43, 37.591, 37.673**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 23.927, 217.847**, and **34, 22.540, 220.115** is the 20% darker color. If you saturate the color by 10%, you get **53, 26.292, 220.301**, and if you desaturate by 10%, it is **55, 20.942, 217.776**.

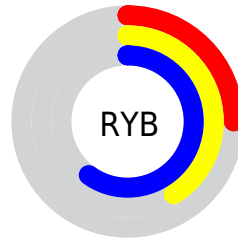
Distribution



Red (25%)

Green (55%)

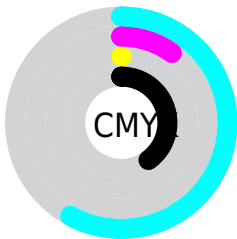
Blue (60%)



Red (25%)

Yellow (41%)

Blue (60%)

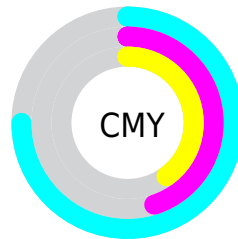


Cyan (58%)

Magenta (10%)

Yellow (0%)

Black (40%)



Cyan (75%)

Magenta (45%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 23.922, 218.863 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, 23.922, 218.863 by changing the saturation by 10% instead.


 54, 23.922,
218.863

 54, 23.922,
218.863


 100, 23.922,
218.863

 44, 23.922,
218.863


 74, 23.922,
218.863

 34, 23.922,
218.863

 84, 23.922,
218.863

 24, 23.922,
218.863

 94, 23.922,
218.863

 14, 23.922,
218.863

 4, 23.922, 218.863

 0, 23.922, 218.863

■ 54, 23.922,
218.863

■ 54, 23.922,
218.863

■ 53, 26.292,
220.301

■ 55, 20.942,
217.776

■ 52, 28.029,
222.164

■ 57, 17.405,
216.982

■ 51, 29.154,
224.514

■ 59, 13.381,
216.426

■ 50, 29.808,
227.322

■ 60, 8.948, 216.067

■ 49, 29.912,
227.795

■ 62, 4.179, 215.898

■ 64, 0.854, 35.148

■ 66, 6.091, 35.585

■ 68, 11.480, 35.670

■ 70, 16.976, 35.786

Harmonies

Complementary

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



54, 23.922, 218.863



43, 37.591, 37.673

Rectangle

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



54, 23.922, 218.863



54, 23.922, 268.863



54, 23.922, 38.863



54, 23.922, 88.863

Sweetspot

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



54, 23.921, 218.861



77, 10.345, 216.041



57, 53.460, 144.084



41, 6.936, 216.091



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



54, 23.921, 218.861



67, 32.774, 220.824



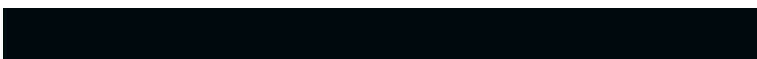
40, 36.935, 282.218



31, 2.810, 215.903



45, 27.905, 227.499



2, 3.083, 217.208

Inverse Universe

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



42, 52.895, 333.039



51, 74.839, 333.917



54, 36.907, 83.479



30, 5.293, 329.909



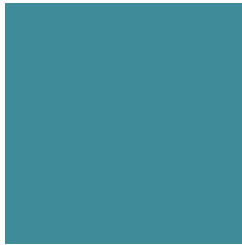
32, 65.215, 335.992



1, 5.633, 329.839

Previews

White Background



This preview shows how the CIELCh color 54, 23.922, 218.863 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 54, 23.922, 218.863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

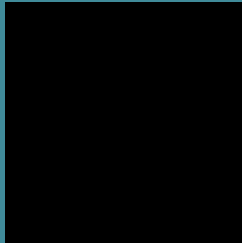
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 23.922, 218.863

Background



This preview shows how black text looks on a background with the CIELCh color 54, 23.922, 218.863.



This preview shows how white text looks on a background with the CIELCh color 54, 23.922, 218.863.

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, 23.922, 218.863

Protanopia

54, 10.989, 287.642

Deuteranopia

54, 17.913, 292.346



Tritanopia
54, 24.092, 212.729

Trichromacy



Original Color
54, 23.922, 218.863

Protanomaly
53, 14.029, 246.931

Deuteranomaly
54, 16.826, 258.486

Tritanomaly
54, 24.130, 214.164

Monochromacy



Original Color
54, 23.922, 218.863

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 10.438, 218.159

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 23.922, 218.863 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(64, 139, 154)` looks like.

```
.text, #text, p{  
    color:rgb(64, 139, 154)  
}
```

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(64, 139, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 139, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 23.922, 218.863 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(64, 139, 154) }
```

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

```
.border{ border-color:rgb(64, 139, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 139, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 139, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 139, 154);  
box-shadow:4px 4px 4px 4px rgb(64, 139,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 23.922, 218.863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 139, 154) }
```

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

```
.background{ background-color: rgb(64, 139,  
154) }
```

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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