

Converting Colors

CIELCh(54, 24.680, 221.883)

Have a look what the booklet for
CIELCh(54, 24.680, 221.883)
contains.

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Color

CIELCh(54, 24.624, 222.676)

Conversions

Conversions Part 1

Format	Color
Hex	3E8B9D
RGB	62, 139, 157
RGB Percent	24%, 55%, 62%
CMY	0.7562, 0.4543, 0.3837
CMYK	0.60, 0.11, 0.00, 0.38
HSL	191°, 43%, 43%
HSV	191°, 60%, 62%
XYZ	17.3477, 21.9746, 35.2899
YIQ	118.0290, -51.6700, -10.7260

Conversions

Conversions Part 2

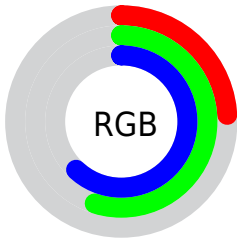
Format	Color
R_{YB}	62, 105, 157
Decimal	4098973
CIE _{Lab}	54.00, -18.10, -16.69
CIE _{LCh}	54, 24.624, 222.676
Yxy	21.9746, 0.2325, 0.2945
Android (android.graphics.Color)	4282289053 (0xFF3E8B9D)
YUV	118.0290, 19.2127, -49.1374
Hunter-Lab	46.8770, -15.9776, -11.8207

Details

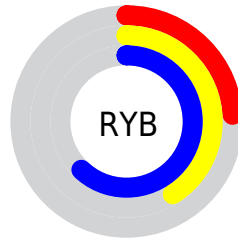
The CIELCh color **54, 24.624, 222.676** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **43, 39.309, 39.624**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 24.644, 222.767**, and **34, 22.844, 225.177** is the 20% darker color. If you saturate the color by 10%, you get **53, 26.923, 224.479**, and if you desaturate by 10%, it is **56, 21.720, 221.286**.

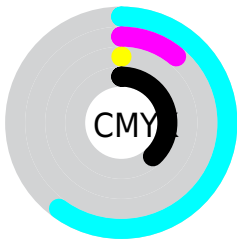
Distribution



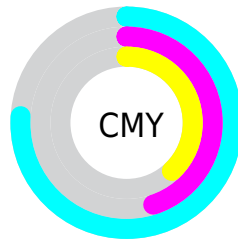
- Red (24%)
- Green (55%)
- Blue (62%)



- Red (24%)
- Yellow (41%)
- Blue (62%)



- Cyan (60%)
- Magenta (11%)
- Yellow (0%)
- Black (38%)




- Cyan (76%)
- Magenta (45%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 24.624, 222.676 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, 24.624, 222.676 by changing the saturation by 10% instead.

 54, 24.624,
222.676

 54, 24.624,
222.676


 100, 24.624,
222.676


 44, 24.624,
222.676


 74, 24.624,
222.676

 34, 24.624,
222.676

 84, 24.624,
222.676

 24, 24.624,
222.676

 94, 24.624,
222.676

 14, 24.624,
222.676

 4, 24.624, 222.676

 0, 24.624, 222.676

■ 54, 24.624,
222.676

■ 54, 24.624,
222.676

■ 53, 26.923,
224.479

■ 56, 21.720,
221.286

■ 51, 28.610,
226.776

■ 57, 18.260,
220.241

■ 50, 29.721,
229.633

■ 59, 14.306,
219.475

■ 49, 30.442,
232.771

■ 61, 9.934, 218.937

■ 63, 5.218, 218.602

■ 65, 0.228, 220.279

■ 67, 4.976, 38.051

■ 69, 10.339, 38.049

■ 71, 15.817, 38.078

Harmonies

Complementary

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



54, 24.624, 222.676



43, 39.309, 39.624

Rectangle

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



54, 24.624, 222.676



54, 24.624, 272.676



54, 24.624, 42.676



54, 24.624, 92.676

Sweetspot

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



54, 24.623, 222.675



78, 10.887, 218.850



58, 55.323, 144.303



40, 7.486, 218.965



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, 24.623, 222.675



67, 33.571, 225.325



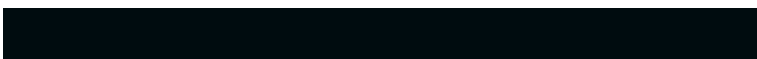
40, 39.889, 284.036



32, 2.848, 218.578



45, 28.369, 232.437



3, 3.751, 221.968

Inverse Universe

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



42, 54.416, 334.107



50, 76.369, 335.146



55, 39.215, 84.540



31, 5.352, 330.693



32, 64.955, 337.297



1, 6.804, 331.274

Previews

White Background



This preview shows how the CIELCh color 54, 24.624, 222.676 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, 24.624, 222.676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

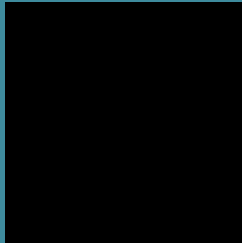
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 24.624, 222.676

Background



This preview shows how black text looks on a background with the CIELCh color 54, 24.624, 222.676.

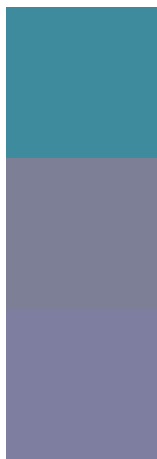


This preview shows how white text looks on a background with the CIELCh color 54, 24.624, 222.676.

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, 24.624, 222.676

Protanopia

54, 12.734, 286.764

Deuteranopia

54, 19.637, 291.515



Tritanopia
54, 24.680, 212.304

Trichromacy



Original Color
54, 24.624, 222.676

Protanomaly
53, 15.432, 251.013

Deuteranomaly
54, 18.531, 260.217

Tritanomaly
54, 24.568, 215.268

Monochromacy



Original Color
54, 24.624, 222.676

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 10.760, 217.519

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 24.624, 222.676 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(62, 139, 157)` looks like.

```
.text, #text, p{  
    color:rgb(62, 139, 157)  
}
```

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(62, 139, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 139, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 24.624, 222.676 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(62, 139, 157) }
```

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

```
.border{ border-color:rgb(62, 139, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 139, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 139, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 139, 157);  
box-shadow:4px 4px 4px 4px rgb(62, 139,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 24.624, 222.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 139, 157) }
```

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

```
.background{ background-color: rgb(62, 139,  
157) }
```

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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