

Converting Colors

CIELCh(53, 24.129, 218.171)

Have a look what the booklet for
CIELCh(53, 24.129, 218.171)
contains.

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Color

CIELCh(53, 24.177, 217.143)

Conversions

Conversions Part 1

Format	Color
Hex	3C8997
RGB	60, 137, 151
RGB Percent	24%, 54%, 59%
CMY	0.7652, 0.4632, 0.4083
CMYK	0.60, 0.09, 0.00, 0.41
HSL	189°, 43%, 41%
HSV	189°, 60%, 59%
XYZ	16.3616, 21.0462, 32.4292
YIQ	115.5730, -50.3860, -11.9700

Conversions

Conversions Part 2

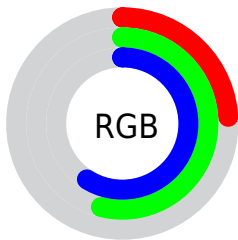
Format	Color
RYB	60, 102, 151
Decimal	3967383
CIELab	53.00, -19.27, -14.60
CIELCh	53, 24.177, 217.143
Yxy	21.0462, 0.2343, 0.3014
Android (android.graphics.Color)	4282157463 (0xFF3C8997)
YUV	115.5730, 17.4655, -48.7375
Hunter-Lab	45.8761, -16.6216, -9.7980

Details

The CIELCh color **53, 24.177, 217.143** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **41, 38.743, 36.903**, and the grayscale version is **49, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 24.317, 216.135**, and **33, 22.140, 218.844** is the 20% darker color. If you saturate the color by 10%, you get **52, 26.380, 218.497**, and if you desaturate by 10%, it is **54, 21.356, 216.125**.

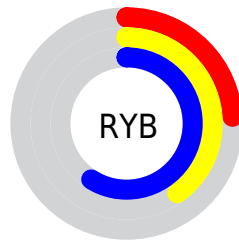
Distribution



Red (24%)

Green (54%)

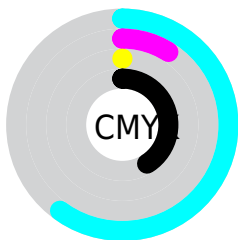
Blue (59%)



Red (24%)

Yellow (40%)

Blue (59%)

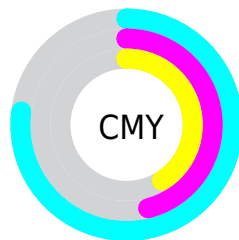


Cyan (60%)

Magenta (9%)

Yellow (0%)

Black (41%)



Cyan (77%)


Magenta (46%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 24.177, 217.143 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 53, 24.177, 217.143 by changing the saturation by 10% instead.


 53, 24.177,
217.143


 53, 24.177,
217.143


 100, 24.177,
217.143


 43, 24.177,
217.143


 73, 24.177,
217.143

 33, 24.177,
217.143

 83, 24.177,
217.143

 23, 24.177,
217.143

 93, 24.177,
217.143

 13, 24.177,
217.143

 3, 24.177, 217.143

 0, 24.177, 217.143

■ 53, 24.177,
217.143

■ 53, 24.177,
217.143

■ 52, 26.380,
218.497

■ 54, 21.356,
216.125

■ 51, 27.949,
220.254

■ 56, 17.967,
215.388

■ 50, 28.911,
222.472

■ 57, 14.078,
214.881

■ 49, 29.459,
224.963

■ 59, 9.765, 214.565

■ 61, 5.102, 214.421

■ 62, 0.163, 217.017

■ 64, 4.992, 34.189

■ 66, 10.306, 34.321

■ 68, 15.735, 34.473

Harmonies

Complementary

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



53, 24.177, 217.143



41, 38.743, 36.903

Rectangle

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



53, 24.177, 217.143



53, 24.177, 267.143



53, 24.177, 37.143



53, 24.177, 87.143

Sweetspot

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



53, 24.176, 217.142



75, 10.786, 214.522



56, 54.721, 143.335



39, 7.492, 214.582



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



53, 24.176, 217.142



66, 32.732, 219.001



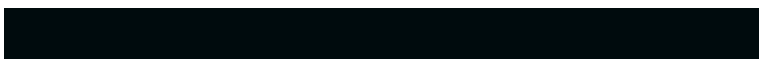
39, 36.686, 281.514



31, 2.834, 214.418



46, 27.934, 224.753



2, 3.109, 215.720

Inverse Universe

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



41, 53.863, 332.656



49, 75.295, 333.496



52, 37.123, 81.798



30, 5.342, 329.477



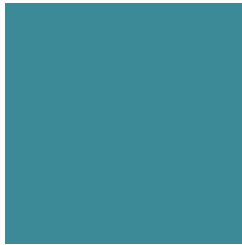
32, 65.851, 335.287



1, 5.686, 329.394

Previews

White Background



This preview shows how the CIELCh color 53, 24.177, 217.143 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 53, 24.177, 217.143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

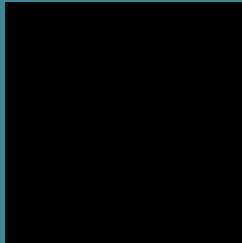
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 24.177, 217.143

Background



This preview shows how black text looks on a background with the CIELCh color 53, 24.177, 217.143.

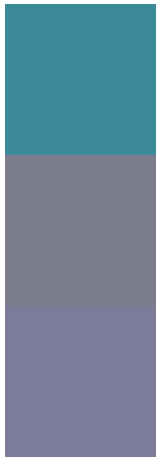


This preview shows how white text looks on a background with the CIELCh color 53, 24.177, 217.143.

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

53, 24.177, 217.143

Protanopia

53, 10.443, 287.366

Deuteranopia

53, 17.998, 293.535



Tritanopia
53, 24.216, 212.674

Trichromacy



Original Color
53, 24.177, 217.143

Protanomaly
52, 13.899, 244.151

Deuteranomaly
52, 16.877, 258.609

Tritanomaly
53, 24.251, 214.111

Monochromacy



Original Color
53, 24.177, 217.143

Achromatopsia
48, 0.006, 296.813

Achromatomaly
50, 10.667, 214.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 24.177, 217.143 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(60, 137, 151)` looks like.

```
.text, #text, p{  
    color:rgb(60, 137, 151)  
}
```

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(60, 137, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 137, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 24.177, 217.143 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(60, 137, 151) }
```

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

```
.border{ border-color:rgb(60, 137, 151) }
```

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

Here you see how a box with a 4 pixel rgb(60, 137, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 137, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 137, 151);  
box-shadow:4px 4px 4px 4px rgb(60, 137,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 24.177, 217.143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 137, 151) }
```

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

```
.background{ background-color: rgb(60, 137,  
151) }
```

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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