

Converting Colors

CIELCh(53, 23.899, 206.026)

Have a look what the booklet for
CIELCh(53, 23.899, 206.026)
contains.

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Color

CIELCh(53, 24.062, 205.556)

Conversions

Conversions Part 1

Format	Color
Hex	3D8A90
RGB	61, 138, 144
RGB Percent	24%, 54%, 56%
CMY	0.7624, 0.4603, 0.4368
CMYK	0.58, 0.04, 0.00, 0.44
HSL	184°, 41%, 40%
HSV	184°, 58%, 56%
XYZ	15.9355, 21.0462, 29.4528
YIQ	115.6610, -47.8180, -14.4580

Conversions

Conversions Part 2

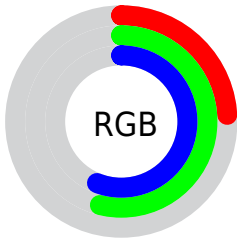
Format	Color
RYB	61, 101, 144
Decimal	4033168
CIELab	53.00, -21.71, -10.38
CIElCh	53, 24.062, 205.556
Yxy	21.0462, 0.2399, 0.3168
Android (android.graphics.Color)	4282223248 (0xFF3D8A90)
YUV	115.6610, 13.9711, -47.9377
Hunter-Lab	45.8761, -18.2794, -5.9513

Details


The CIELCh color **53, 24.062, 205.556** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **38, 37.350, 30.878**, and the grayscale version is **49, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 24.047, 205.494**, and **34, 22.345, 206.448** is the 20% darker color. If you saturate the color by 10%, you get **52, 26.443, 205.937**, and if you desaturate by 10%, it is **54, 21.049, 205.339**.

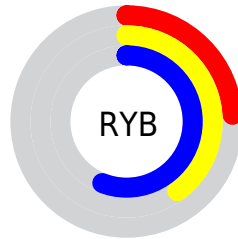
Distribution



 Red (24%)

 Green (54%)

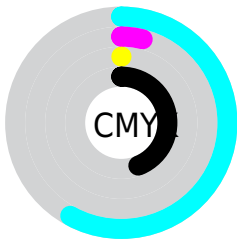
 Blue (56%)




 Red (24%)

 Yellow (40%)

 Blue (56%)

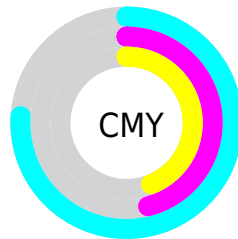


 Cyan (58%)


 Magenta (4%)

 Yellow (0%)

 Black (44%)



 Cyan (76%)


 Magenta (46%)


 Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 24.062, 205.556 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, 24.062, 205.556 by changing the saturation by 10% instead.


 53, 24.062,
205.556


 53, 24.062,
205.556


 100, 24.062,
205.556


 43, 24.062,
205.556


 73, 24.062,
205.556

 33, 24.062,
205.556

 83, 24.062,
205.556

 23, 24.062,
205.556

 93, 24.062,
205.556

 13, 24.062,
205.556

 3, 24.062, 205.556

 0, 24.062, 205.556

■ 53, 24.062,
205.556

■ 53, 24.062,
205.556

■ 52, 26.443,
205.937

■ 54, 21.049,
205.339

■ 52, 28.166,
206.511

■ 55, 17.461,
205.268

■ 51, 29.236,
207.298

■ 56, 13.369,
205.320

■ 51, 29.774,
208.284

■ 57, 8.853, 205.480

■ 51, 29.877,
208.502

■ 59, 3.993, 205.764

■ 60, 1.138, 25.560

■ 61, 6.473, 26.214

■ 63, 11.954, 26.620

■ 65, 17.534, 27.035

Harmonies

Complementary

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



53, 24.062, 205.556



38, 37.350, 30.878

Rectangle

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



53, 24.062, 205.556



53, 24.062, 255.556



53, 24.062, 25.556



53, 24.062, 75.556

Sweetspot

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



53, 24.062, 205.554



73, 10.451, 205.490



53, 53.607, 141.346



38, 7.008, 205.453



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



53, 24.062, 205.554



66, 32.634, 206.067



40, 29.907, 273.615



30, 2.860, 205.713



48, 28.599, 208.428



2, 1.977, 205.892

Inverse Universe

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



40, 52.835, 329.567



48, 74.250, 330.148



48, 32.775, 74.733



28, 5.339, 326.927



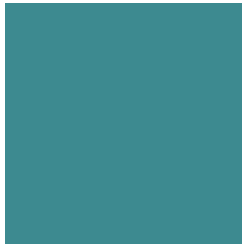
31, 68.229, 331.248



1, 3.585, 326.444

Previews

White Background



This preview shows how the CIELCh color 53, 24.062, 205.556 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, 24.062, 205.556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

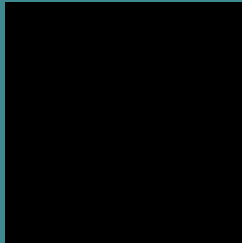
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 24.062, 205.556

Background



This preview shows how black text looks on a background with the CIELCh color 53, 24.062, 205.556.



This preview shows how white text looks on a background with the CIELCh color 53, 24.062, 205.556.

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, 24.062, 205.556

Protanopia

53, 6.377, 290.979

Deuteranopia

53, 14.083, 299.483



Tritanopia
53, 23.622, 213.120

Trichromacy



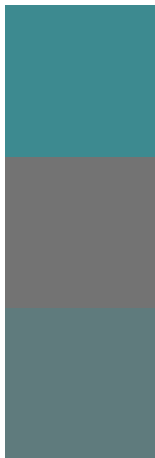
Original Color
53, 24.062, 205.556

Protanomaly
53, 11.252, 226.295

Deuteranomaly
52, 13.433, 250.185

Tritanomaly
53, 23.784, 210.043

Monochromacy



Original Color
53, 24.062, 205.556

Achromatopsia
48, 0.006, 296.813

Achromatomaly
50, 10.499, 204.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 24.062, 205.556 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(61, 138, 144)` looks like.

```
.text, #text, p{  
    color:rgb(61, 138, 144)  
}
```

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(61, 138, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 138, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 24.062, 205.556 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(61, 138, 144) }
```

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

```
.border{ border-color:rgb(61, 138, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 138, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 138, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 138, 144);  
box-shadow:4px 4px 4px 4px rgb(61, 138,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 24.062, 205.556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 138, 144) }
```

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

```
.background{ background-color: rgb(61, 138,  
144) }
```

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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