

Converting Colors

CIELCh(53, 24.371, 254.626)

Have a look what the booklet for
CIELCh(53, 24.371, 254.626)
contains.

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Color

CIELCh(53, 24.161, 253.585)

Conversions

Conversions Part 1

Format	Color
Hex	5384A6
RGB	83, 132, 166
RGB Percent	33%, 52%, 65%
CMY	0.6751, 0.4829, 0.3496
CMYK	0.50, 0.20, 0.00, 0.35
HSL	205°, 33%, 49%
HSV	205°, 50%, 65%
XYZ	18.6575, 21.0462, 39.0872
YIQ	121.2250, -40.1180, 0.1860

Conversions

Conversions Part 2

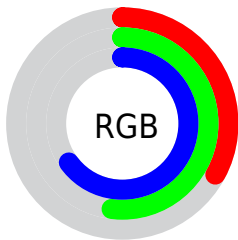
Format	Color
R _Y B	83, 114, 166
Decimal	5473446
CIE Lab	53.00, -6.83, -23.18
CIE LCh	53, 24.161, 253.585
Yxy	21.0462, 0.2368, 0.2671
Android (android.graphics.Color)	4283663526 (0xFF5384A6)
YUV	121.2250, 22.0741, -33.5233
Hunter-Lab	45.8761, -7.6886, -18.4028

Details

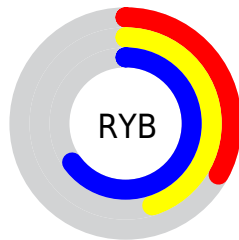
The CIELCh color `53, 24.161, 253.585` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `53, 30.415, 60.092`, and the grayscale version is `51, 0.007, 296.813`.

A 20% lighter version of the original color is `73, 24.104, 253.349`, and `33, 24.100, 252.946` is the 20% darker color. If you saturate the color by 10%, you get `50, 28.324, 256.482`, and if you desaturate by 10%, it is `56, 19.743, 251.179`.

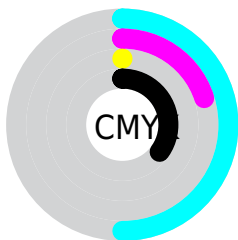
Distribution



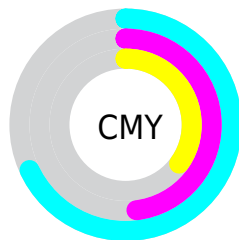
- Red (33%)
- Green (52%)
- Blue (65%)



- Red (33%)
- Yellow (45%)
- Blue (65%)



- Cyan (50%)
- Magenta (20%)
- Yellow (0%)
- Black (35%)





- Cyan (68%)
- Magenta (48%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 24.161, 253.585 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, 24.161, 253.585 by changing the saturation by 10% instead.


 53, 24.161,
253.585


 53, 24.161,
253.585


 100, 24.161,
253.585

 43, 24.161,
253.585


 73, 24.161,
253.585

 33, 24.161,
253.585

 83, 24.161,
253.585

 23, 24.161,
253.585

 93, 24.161,
253.585

 13, 24.161,
253.585

 3, 24.161, 253.585

 0, 24.161, 253.585

■ 53, 24.161,
253.585

■ 53, 24.161,
253.585

■ 50, 28.324,
256.482

■ 56, 19.743,
251.179

■ 48, 32.245,
259.930

■ 59, 15.089,
249.196

■ 45, 35.970,
263.947

■ 62, 10.227,
247.567

■ 43, 39.588,
268.488

■ 65, 5.194, 246.247

■ 40, 43.247,
273.207

■ 68, 0.028, 258.950

■ 71, 5.242, 64.037

■ 74, 10.581, 63.285

■ 78, 15.967, 62.629

■ 81, 21.379, 62.065

Harmonies

Complementary

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



53, 24.161, 253.585



53, 30.415, 60.092

Rectangle

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



53, 24.161, 253.585



53, 24.161, 303.585



53, 24.161, 73.585



53, 24.161, 123.585

Sweetspot

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



53, 24.160, 253.584



81, 9.581, 246.901



62, 41.158, 153.733



42, 6.571, 247.176



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



53, 24.160, 253.584



64, 35.100, 256.826



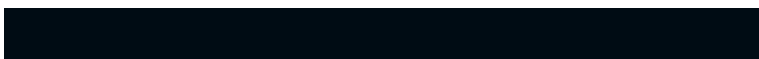
41, 45.135, 293.428



34, 2.965, 246.162



36, 39.451, 272.689



3, 5.711, 253.990

Inverse Universe

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



47, 41.996, 343.650



56, 60.914, 345.100



64, 40.490, 100.559



33, 4.820, 339.737



32, 58.159, 353.110



2, 8.253, 342.946

Previews

White Background



This preview shows how the CIELCh color 53, 24.161, 253.585 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, 24.161, 253.585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

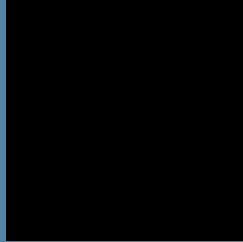
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

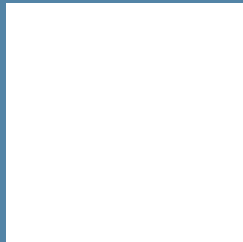
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 24.161, 253.585

Background



This preview shows how black text looks on a background with the CIELCh color 53, 24.161, 253.585.



This preview shows how white text looks on a background with the CIELCh color 53, 24.161, 253.585.

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, 24.161, 253.585

Protanopia

53, 20.945, 285.116

Deuteranopia

53, 25.569, 286.490



Tritanopia
53, 20.029, 216.379

Trichromacy



Original Color
53, 24.161, 253.585

Protanomaly
53, 21.814, 273.019

Deuteranomaly
53, 24.126, 273.989

Tritanomaly
53, 20.561, 230.576

Monochromacy



Original Color
53, 24.161, 253.585

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 9.487, 246.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 24.161, 253.585 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(83, 132, 166)` looks like.

```
.text, #text, p{  
    color:rgb(83, 132, 166)  
}
```

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(83, 132, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 132, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 24.161, 253.585 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(83, 132, 166) }
```

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

```
.border{ border-color:rgb(83, 132, 166) }
```

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

Here you see how a box with a 4 pixel rgb(83, 132, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 132, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 132, 166);  
box-shadow:4px 4px 4px 4px rgb(83, 132,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 24.161, 253.585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 132, 166) }
```

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

```
.background{ background-color: rgb(83, 132,  
166) }
```

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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