

Converting Colors

CIELCh(53, 24.701, 305.531)

Have a look what the booklet for
CIELCh(53, 24.701, 305.531)
contains.

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Color

CIELCh(53, 24.463, 305.710)

Conversions

Conversions Part 1

Format	Color
Hex	8778A1
RGB	135, 120, 161
RGB Percent	53%, 47%, 63%
CMY	0.4718, 0.5306, 0.3699
CMYK	0.16, 0.26, 0.00, 0.37
HSL	262°, 18%, 55%
HSV	262°, 26%, 63%
XYZ	23.0254, 21.0462, 36.4176
YIQ	129.1590, -4.2210, 15.9310

Conversions

Conversions Part 2

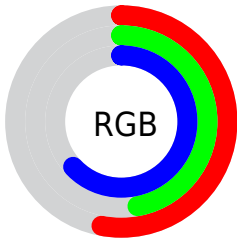
Format	Color
R_{YB}	135, 120, 161
Decimal	8878241
CIE _{Lab}	53.00, 14.28, -19.86
CIE _{LCh}	53, 24.463, 305.710
Yxy	21.0462, 0.2861, 0.2615
Android (android.graphics.Color)	4287068321 (0xFF8778A1)
YUV	129.1590, 15.6976, 5.1226
Hunter-Lab	45.8761, 9.3066, -14.9525

Details

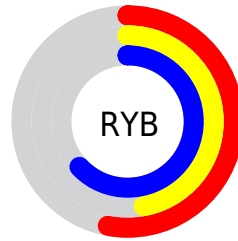
The CIELCh color $53, 24.463, 305.710$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $64, 23.392, 122.933$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 24.746, 306.123$, and $33, 24.637, 306.347$ is the 20% darker color. If you saturate the color by 10%, you get $48, 34.566, 306.395$, and if you desaturate by 10%, it is $58, 14.635, 305.084$.

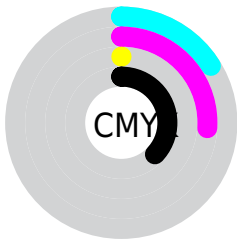
Distribution



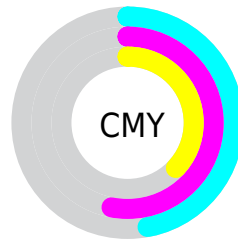
- Red (53%)
- Green (47%)
- Blue (63%)



- Red (53%)
- Yellow (47%)
- Blue (63%)



- Cyan (16%)
- Magenta (26%)
- Yellow (0%)
- Black (37%)





- Cyan (47%)
- Magenta (53%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 24.463, 305.710 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, 24.463, 305.710 by changing the saturation by 10% instead.


 53, 24.463,
305.710


 53, 24.463,
305.710


 100, 24.463,
305.710


 43, 24.463,
305.710


 73, 24.463,
305.710

 33, 24.463,
305.710

 83, 24.463,
305.710

 23, 24.463,
305.710

 93, 24.463,
305.710

 13, 24.463,
305.710

 3, 24.463, 305.710

 0, 24.463, 305.710

53, 24.463,
305.710

53, 24.463,
305.710

48, 34.566,
306.395

58, 14.635,
305.084

43, 44.875,
307.128

63, 5.115, 304.517

38, 55.238,
307.877

68, 4.093, 124.050

33, 65.370,
308.588

74, 12.995,
123.606

29, 74.781,
309.171

79, 21.604,
123.226

26, 82.740,
309.496

84, 29.934,
122.897


23, 88.450,
309.427

89, 38.002,
122.613

22, 90.717,

94, 45.821,
122.369

309.393

 96, 48.437,
119.770

Harmonies

Complementary

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



53, 24.463, 305.710



64, 23.392, 122.933

Rectangle

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



53, 24.463, 305.710



53, 24.463, 355.710



53, 24.463, 125.710



53, 24.463, 175.710

Sweetspot

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



53, 24.462, 305.709



79, 9.249, 304.663



59, 12.224, 240.635



41, 6.574, 304.742



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



53, 24.462, 305.709



64, 37.188, 306.120



55, 26.909, 321.434



32, 5.354, 304.725



19, 84.205, 309.480



1, 8.174, 302.972

Inverse Universe

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



55, 21.786, 338.994



67, 32.825, 339.520



63, 26.685, 138.928



32, 4.846, 337.697



31, 58.655, 349.454



1, 7.179, 339.725

Previews

White Background



This preview shows how the CIELCh color 53, 24.463, 305.710 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, 24.463, 305.710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

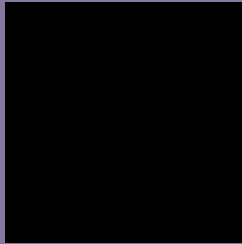
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 24.463, 305.710

Background



This preview shows how black text looks on a background with the CIELCh color 53, 24.463, 305.710.



This preview shows how white text looks on a background with the CIELCh color 53, 24.463, 305.710.

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, 24.463, 305.710

Protanopia

53, 23.258, 285.417

Deuteranopia

53, 20.848, 290.787



Tritanopia
53, 5.591, 311.241

Trichromacy



Original Color
53, 24.463, 305.710

Protanomaly
53, 23.184, 292.994

Deuteranomaly
53, 22.152, 297.446

Tritanomaly
53, 12.693, 307.236

Monochromacy



Original Color
53, 24.463, 305.710

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 8.910, 303.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 24.463, 305.710 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(135, 120, 161)` looks like.

```
.text, #text, p{  
    color:rgb(135, 120, 161)  
}
```

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(135, 120, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 120, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 24.463, 305.710 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(135, 120, 161) }
```

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

```
.border{ border-color:rgb(135, 120, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 120, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 120, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 120, 161);  
box-shadow:4px 4px 4px 4px rgb(135, 120,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 24.463, 305.710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 120, 161) }
```

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

```
.background{ background-color: rgb(135,  
120, 161) }
```

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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