

Converting Colors

CIELCh(53, 20.644, 315.195)

Have a look what the booklet for
CIELCh(53, 20.644, 315.195)
contains.

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Color

CIELCh(53, 20.756, 314.586)

Conversions

Conversions Part 1

Format	Color
Hex	8C7798
RGB	140, 119, 152
RGB Percent	55%, 47%, 60%
CMY	0.4509, 0.5332, 0.4038
CMYK	0.08, 0.22, 0.00, 0.40
HSL	278°, 14%, 53%
HSV	278°, 22%, 60%
XYZ	23.0901, 21.0462, 32.5635
YIQ	129.0410, 1.9230, 14.7150

Conversions

Conversions Part 2

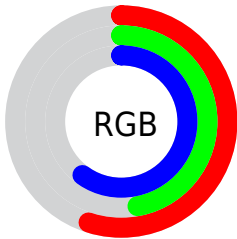
Format	Color
R_{YB}	140, 119, 152
Decimal	9205656
CIE _{Lab}	53.00, 14.57, -14.78
CIE _{LCh}	53, 20.756, 314.586
Yxy	21.0462, 0.3010, 0.2744
Android (android.graphics.Color)	4287395736 (0xFF8C7798)
YUV	129.0410, 11.3188, 9.6110
Hunter-Lab	45.8761, 9.5583, -9.9716

Details

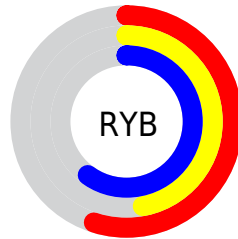
The CIELCh color $53, 20.756, 314.586$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $60, 20.344, 132.747$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 20.817, 315.070$, and $33, 21.159, 315.210$ is the 20% darker color. If you saturate the color by 10%, you get $49, 30.567, 315.027$, and if you desaturate by 10%, it is $58, 11.075, 314.150$.

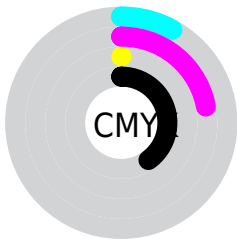
Distribution



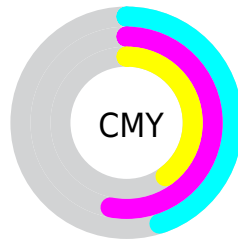
- Red (55%)
- Green (47%)
- Blue (60%)



- Red (55%)
- Yellow (47%)
- Blue (60%)



- Cyan (8%)
- Magenta (22%)
- Yellow (0%)
- Black (40%)





- Cyan (45%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 20.756, 314.586 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, 20.756, 314.586 by changing the saturation by 10% instead.


 53, 20.756,
314.586


 53, 20.756,
314.586


 100, 20.756,
314.586


 43, 20.756,
314.586


 73, 20.756,
314.586

 33, 20.756,
314.586

 83, 20.756,
314.586

 23, 20.756,
314.586

 93, 20.756,
314.586

 13, 20.756,
314.586

 3, 20.756, 314.586

 0, 20.756, 314.586

53, 20.756,
314.586

53, 20.756,
314.586

49, 30.567,
315.027

58, 11.075,
314.150

44, 40.393,
315.457

62, 1.600, 313.671

40, 50.036,
315.849

67, 7.634, 133.390

36, 59.201,
316.161

71, 16.611,
133.030

33, 67.473,
316.337

76, 25.326,
132.710

30, 74.340,
316.306

80, 33.785,
132.422


28, 79.298,
315.993

85, 41.996,
132.166

26, 82.323,

89, 49.968,
131.938

315.593

 94, 57.234,
131.652

Harmonies

Complementary

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



53, 20.756, 314.586



60, 20.344, 132.747

Rectangle

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



53, 20.756, 314.586



53, 20.756, 4.586



53, 20.756, 134.586



53, 20.756, 184.586

Sweetspot

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



53, 20.754, 314.586



76, 8.203, 313.953



55, 12.674, 271.467



40, 5.319, 313.975



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, 20.754, 314.586



66, 31.082, 314.798



54, 20.809, 329.561



30, 5.360, 314.043



24, 77.578, 315.667



1, 5.721, 313.333

Inverse Universe

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



54, 14.966, 353.805



66, 22.453, 354.371



60, 20.762, 146.867



30, 3.842, 352.480



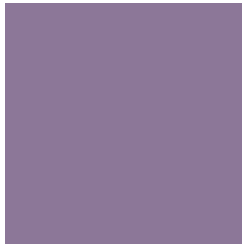
29, 54.616, 13.839



1, 4.075, 352.095

Previews

White Background



This preview shows how the CIELCh color 53, 20.756, 314.586 looks on a white background.

Color Contrast Check

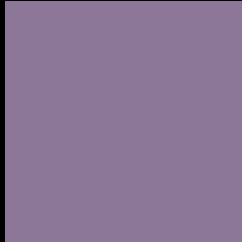
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.756, 314.586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

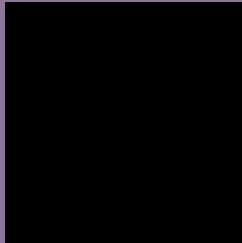
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 20.756, 314.586

Background



This preview shows how black text looks on a background with the CIELCh color 53, 20.756, 314.586.



This preview shows how white text looks on a background with the CIELCh color 53, 20.756, 314.586.

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, 20.756, 314.586

Protanopia

53, 18.022, 285.602

Deuteranopia

53, 15.706, 296.108



Tritanopia
53, 7.640, 337.372

Trichromacy



Original Color
53, 20.756, 314.586

Protanomaly
53, 18.641, 296.888

Deuteranomaly
53, 17.282, 304.566

Tritanomaly
53, 11.691, 323.445

Monochromacy



Original Color
53, 20.756, 314.586

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 7.643, 315.003

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 20.756, 314.586 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(140, 119, 152)` looks like.

```
.text, #text, p{  
    color:rgb(140, 119, 152)  
}
```

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(140, 119, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 119, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 20.756, 314.586 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(140, 119, 152) }
```

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

```
.border{ border-color:rgb(140, 119, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 119, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 119, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 119, 152);  
box-shadow:4px 4px 4px 4px rgb(140, 119,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 20.756, 314.586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 119, 152) }
```

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

```
.background{ background-color: rgb(140,  
119, 152) }
```

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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