

Converting Colors

CIELCh(53, 20.714, 4.002)

Have a look what the booklet for
CIELCh(53, 20.714, 4.002) contains.

CIELCh(53, 20.661, 4.280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(53, 20.661, 4.280)

Conversions

Conversions Part 1

Format	Color
Hex	A2727D
RGB	162, 114, 125
RGB Percent	64%, 45%, 49%
CMY	0.3665, 0.5546, 0.5114
CMYK	0.00, 0.30, 0.23, 0.37
HSL	346°, 20%, 54%
HSV	346°, 30%, 63%
XYZ	24.4557, 21.0462, 22.0362
YIQ	129.6060, 25.0770, 13.5970

Conversions

Conversions Part 2

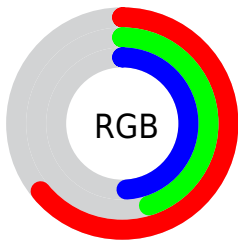
Format	Color
R_{YB}	162, 114, 125
Decimal	10646141
CIE _{Lab}	53.00, 20.60, 1.54
CIE _{LCh}	53, 20.661, 4.280
Yxy	21.0462, 0.3621, 0.3116
Android (android.graphics.Color)	4288836221 (0xFFA2727D)
YUV	129.6060, -2.2708, 28.4095
Hunter-Lab	45.8761, 14.8718, 3.6339

Details

The CIELCh color **53, 20.661, 4.280** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **63, 18.503, 178.279**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 20.970, 3.456**, and **33, 20.748, 4.144** is the 20% darker color. If you saturate the color by 10%, you get **49, 28.066, 5.825**, and if you desaturate by 10%, it is **57, 13.421, 2.997**.

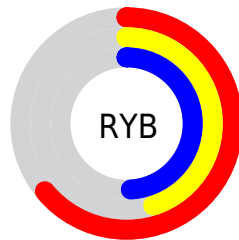
Distribution



Red (64%)

Green (45%)

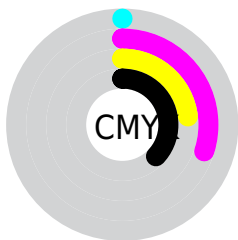
Blue (49%)



Red (64%)

Yellow (45%)

Blue (49%)

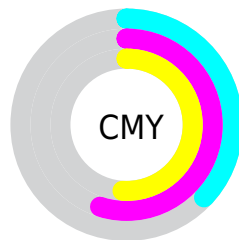


Cyan (0%)

Magenta (30%)

Yellow (23%)

Black (37%)



Cyan (37%)

Magenta (55%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 20.661, 4.280 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, 20.661, 4.280 by changing the saturation by 10% instead.

 53, 20.661, 4.280  53, 20.661, 4.280

 100, 20.661, 4.280  43, 20.661, 4.280

 73, 20.661, 4.280  33, 20.661, 4.280

 83, 20.661, 4.280  23, 20.661, 4.280

 93, 20.661, 4.280  13, 20.661, 4.280

 3, 20.661, 4.280

 0, 20.661, 4.280

 53, 20.661, 4.280  53, 20.661, 4.280

 49, 28.066, 5.825  57, 13.421, 2.997

 45, 35.474, 7.716  62, 6.453, 1.885

41, 42.644, 10.074

67, 0.198, 183.186

38, 49.284, 13.046

71, 6.517, 180.282

36, 55.128, 16.780

76, 12.510,
179.537

35, 60.048, 21.354

81, 18.197,
178.888

34, 64.384, 26.405

33, 64.525, 26.552

86, 23.601,
178.309

90, 28.748,
177.784

94, 31.768,
180.026

Harmonies

Complementary

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



53, 20.661, 4.280



63, 18.503, 178.279

Rectangle

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



53, 20.661, 4.280



53, 20.661, 54.280



53, 20.661, 184.280



53, 20.661, 234.280

Sweetspot

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



53, 20.659, 4.283



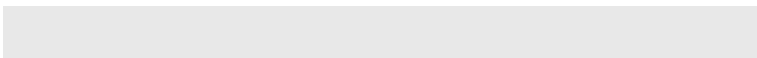
79, 7.385, 1.829



53, 30.876, 319.070



41, 5.138, 1.976



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, 20.659, 4.283



64, 31.272, 5.327



56, 16.842, 46.180



32, 3.795, 1.841



30, 59.473, 25.998



1, 5.729, 2.666

Inverse Universe

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



53, 20.659, 4.283



64, 31.272, 5.327



59, 13.986, 229.821



32, 3.795, 1.841



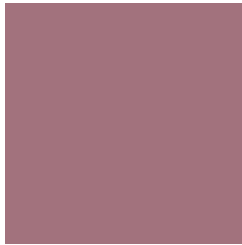
30, 59.473, 25.998



1, 5.729, 2.666

Previews

White Background



This preview shows how the CIELCh color 53, 20.661, 4.280 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, 20.661, 4.280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

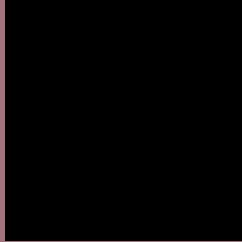
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 20.661, 4.280

Background



This preview shows how black text looks on a background with the CIELCh color 53, 20.661, 4.280.



This preview shows how white text looks on a background with the CIELCh color 53, 20.661, 4.280.

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, 20.661, 4.280

Protanopia

53, 3.573, 303.273

Deuteranopia

53, 7.364, 20.165



Tritanopia
53, 20.057, 7.038

Trichromacy



Original Color
53, 20.661, 4.280

Protanomaly
53, 8.933, 349.301

Deuteranomaly
53, 11.708, 9.448

Tritanomaly
53, 20.152, 5.438

Monochromacy



Original Color
53, 20.661, 4.280

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 7.640, 2.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 20.661, 4.280 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(162, 114, 125)` looks like.

```
.text, #text, p{  
    color:rgb(162, 114, 125)  
}
```

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(162, 114, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 114, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 20.661, 4.280 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(162, 114, 125) }
```

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

```
.border{ border-color:rgb(162, 114, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 114, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 114, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 114, 125);  
box-shadow:4px 4px 4px 4px rgb(162, 114,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 20.661, 4.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 114, 125) }
```

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

```
.background{ background-color: rgb(162,  
114, 125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor