

Converting Colors

CIELCh(53, 20.766, 20.281)

Have a look what the booklet for
CIELCh(53, 20.766, 20.281) contains.

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Color

CIELCh(53, 20.792, 20.295)

Conversions

Conversions Part 1

Format	Color
Hex	A37273
RGB	163, 114, 115
RGB Percent	64%, 45%, 45%
CMY	0.3609, 0.5531, 0.5492
CMYK	0.00, 0.30, 0.29, 0.36
HSL	359°, 21%, 54%
HSV	359°, 30%, 64%
XYZ	24.2023, 21.0462, 18.9957
YIQ	128.7650, 28.8830, 10.6990

Conversions

Conversions Part 2

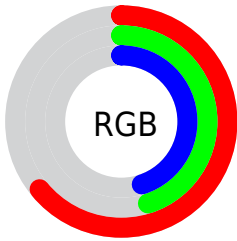
Format	Color
R_{YB}	163, 114, 115
Decimal	10711667
CIE Lab	53.00, 19.50, 7.21
CIE LCh	53, 20.792, 20.295
Yxy	21.0462, 0.3767, 0.3276
Android (android.graphics.Color)	4288901747 (0xFFA37273)
YUV	128.7650, -6.7861, 30.0241
Hunter-Lab	45.8761, 13.8859, 7.5633

Details

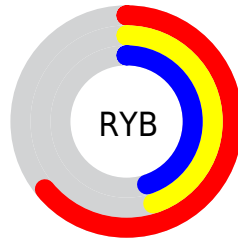
The CIELCh color **53, 20.792, 20.295** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **64, 17.130, 196.059**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 20.887, 19.796**, and **33, 21.058, 19.792** is the 20% darker color. If you saturate the color by 10%, you get **49, 28.645, 21.699**, and if you desaturate by 10%, it is **58, 13.384, 19.206**.

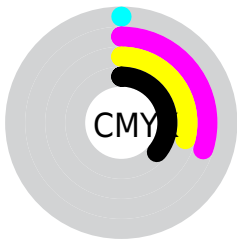
Distribution



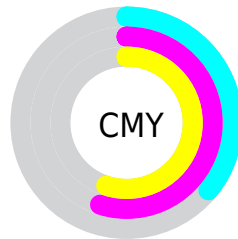
- Red (64%)
- Green (45%)
- Blue (45%)



- Red (64%)
- Yellow (45%)
- Blue (45%)



- Cyan (0%)
- Magenta (30%)
- Yellow (29%)
- Black (36%)



- Cyan (36%)
- Magenta (55%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 20.792, 20.295 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, 20.792, 20.295 by changing the saturation by 10% instead.

■ 53, 20.792, 20.295

■ 53, 20.792, 20.295

■ 100, 20.792,
20.295

■ 43, 20.792, 20.295

■ 73, 20.792, 20.295

■ 33, 20.792, 20.295

■ 83, 20.792, 20.295

■ 23, 20.792, 20.295

■ 93, 20.792, 20.295

■ 13, 20.792, 20.295

■ 3, 20.792, 20.295

■ 0, 20.792, 20.295

■ 53, 20.792, 20.295

■ 53, 20.792, 20.295

■ 49, 28.645, 21.699

■ 58, 13.384, 19.206

■ 45, 36.843, 23.503

■ 62, 6.468, 18.320

41, 45.208, 25.822

67, 0.042, 6.381

38, 53.489, 28.741

72, 5.922, 197.262

36, 61.366, 32.229

77, 11.461,
196.785

34, 68.328, 35.936

82, 16.619,
196.411

34, 73.741, 38.949

86, 21.440,
196.104

91, 25.965,
195.848

95, 28.623,
197.654

Harmonies

Complementary

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



53, 20.792, 20.295



64, 17.130, 196.059

Rectangle

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



53, 20.792, 20.295



53, 20.792, 70.295



53, 20.792, 200.295



53, 20.792, 250.295

Sweetspot

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



53, 20.790, 20.300



79, 7.131, 18.246



54, 33.070, 325.083



42, 5.021, 18.362



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



53, 20.790, 20.300



64, 31.497, 21.184



59, 17.186, 68.226



32, 3.629, 18.254



30, 67.350, 38.455



1, 5.468, 17.870

Inverse Universe

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



53, 20.790, 20.300



64, 31.497, 21.184



57, 15.570, 256.220



32, 3.629, 18.254



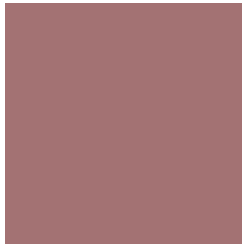
30, 67.350, 38.455



1, 5.468, 17.870

Previews

White Background



This preview shows how the CIELCh color 53, 20.792, 20.295 looks on a white background.

Color Contrast Check

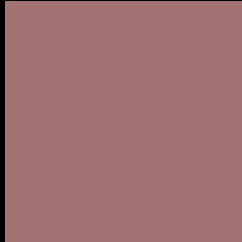
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 53, 20.792, 20.295 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, 20.792, 20.295

Background



This preview shows how black text looks on a background with the CIELCh color 53, 20.792, 20.295.



This preview shows how white text looks on a background with the CIELCh color 53, 20.792, 20.295.

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, 20.792, 20.295

Protanopia

53, 2.804, 74.608

Deuteranopia

53, 10.679, 49.123



Tritanopia
53, 21.724, 8.452

Trichromacy



Original Color
53, 20.792, 20.295

Protanomaly
53, 8.470, 31.965

Deuteranomaly
53, 13.892, 32.705

Tritanomaly
53, 21.593, 12.955

Monochromacy



Original Color
53, 20.792, 20.295

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 6.936, 20.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 20.792, 20.295 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(163, 114, 115)` looks like.

```
.text, #text, p{  
    color:rgb(163, 114, 115)  
}
```

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(163, 114, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 114, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 20.792, 20.295 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(163, 114, 115) }
```

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

```
.border{ border-color:rgb(163, 114, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 114, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 114, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 114, 115);  
box-shadow:4px 4px 4px 4px rgb(163, 114,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 20.792, 20.295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 114, 115) }
```

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

```
.background{ background-color: rgb(163,  
114, 115) }
```

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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