

Converting Colors

CIELCh(53, 21.121, 3.222)

Have a look what the booklet for
CIELCh(53, 21.121, 3.222) contains.

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Color

CIELCh(53, 21.208, 3.205)

Conversions

Conversions Part 1

Format	Color
Hex	A2717D
RGB	162, 113, 125
RGB Percent	64%, 44%, 49%
CMY	0.3638, 0.5560, 0.5090
CMYK	0.00, 0.30, 0.23, 0.36
HSL	345°, 21%, 54%
HSV	345°, 30%, 64%
XYZ	24.5878, 21.0462, 22.2373
YIQ	129.0190, 25.3520, 14.1200

Conversions

Conversions Part 2

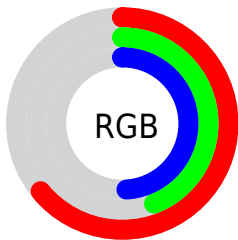
Format	Color
R_{YB}	162, 113, 125
Decimal	10645885
CIE _{Lab}	53.00, 21.17, 1.19
CIE _{LCh}	53, 21.208, 3.205
Yxy	21.0462, 0.3623, 0.3101
Android (android.graphics.Color)	4288835965 (0xFFA2717D)
YUV	129.0190, -1.9814, 28.9243
Hunter-Lab	45.8761, 15.3857, 3.3739

Details

The CIELCh color **53, 21.208, 3.205** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **63, 19.061, 177.042**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 21.492, 2.448**, and **33, 21.327, 3.065** is the 20% darker color. If you saturate the color by 10%, you get **49, 28.640, 4.757**, and if you desaturate by 10%, it is **57, 13.916, 1.914**.

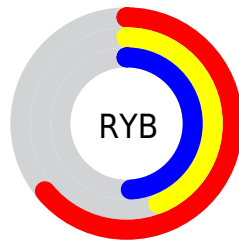
Distribution



Red (64%)

Green (44%)

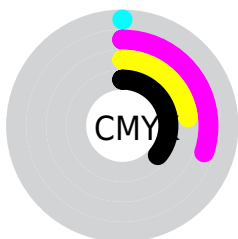
Blue (49%)



Red (64%)

Yellow (44%)

Blue (49%)

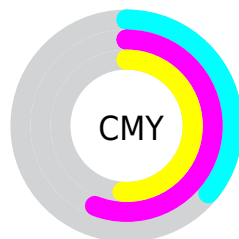


Cyan (0%)

Magenta (30%)

Yellow (23%)

Black (36%)



Cyan (36%)

Magenta (56%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 21.208, 3.205 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, 21.208, 3.205 by changing the saturation by 10% instead.

 53, 21.208, 3.205  53, 21.208, 3.205

 100, 21.208, 3.205  43, 21.208, 3.205

 73, 21.208, 3.205  33, 21.208, 3.205

 83, 21.208, 3.205  23, 21.208, 3.205

 93, 21.208, 3.205  13, 21.208, 3.205

 3, 21.208, 3.205

 0, 21.208, 3.205

 53, 21.208, 3.205  53, 21.208, 3.205

 49, 28.640, 4.757  57, 13.916, 1.914

 45, 36.041, 6.653  62, 6.877, 0.795

41, 43.157, 9.015

67, 0.144, 356.972

38, 49.689, 11.992

71, 6.264, 179.168

36, 55.368, 15.735

76, 12.351,
178.409

35, 60.077, 20.331

81, 18.134,
177.748

34, 64.137, 25.293

86, 23.634,
177.157

90, 28.877,
176.621

94, 31.859,
178.913

Harmonies

Complementary

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



53, 21.208, 3.205



63, 19.061, 177.042

Rectangle

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



53, 21.208, 3.205



53, 21.208, 53.205



53, 21.208, 183.205



53, 21.208, 233.205

Sweetspot

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



53, 21.206, 3.208



80, 7.507, 0.684



53, 31.415, 318.574



42, 5.275, 0.833



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, 21.206, 3.208



65, 31.695, 4.176



56, 17.352, 44.386



32, 3.819, 0.695



30, 58.943, 24.714



1, 5.763, 1.603

Inverse Universe

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



53, 21.206, 3.208



65, 31.695, 4.176



60, 14.287, 227.590



32, 3.819, 0.695



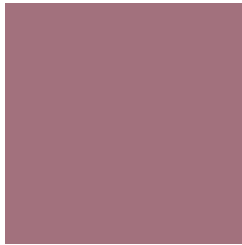
30, 58.943, 24.714



1, 5.763, 1.603

Previews

White Background



This preview shows how the CIELCh color 53, 21.208, 3.205 looks on a white background.

Color Contrast Check

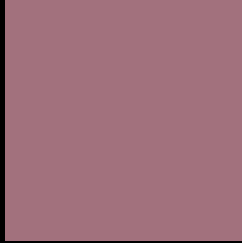
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.208, 3.205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

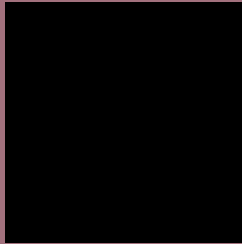
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 21.208, 3.205

Background



This preview shows how black text looks on a background with the CIELCh color 53, 21.208, 3.205.



This preview shows how white text looks on a background with the CIELCh color 53, 21.208, 3.205.

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, 21.208, 3.205

Protanopia

53, 4.079, 296.171

Deuteranopia

53, 6.947, 20.116



Tritanopia
53, 20.391, 8.985

Trichromacy



Original Color
53, 21.208, 3.205

Protanomaly
53, 9.231, 346.206

Deuteranomaly
53, 12.226, 7.247

Tritanomaly
53, 20.465, 7.402

Monochromacy



Original Color
53, 21.208, 3.205

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 7.817, 358.676

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 21.208, 3.205 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, 113, 125)` looks like.

```
.text, #text, p{  
    color:rgb(162, 113, 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, 113, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 113, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 21.208, 3.205 is called "border". The border property can be set on classes, ids or directly on the HTML element.

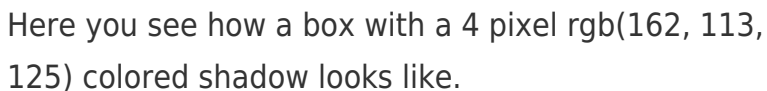
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 113, 125) }
```

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

```
.border{ border-color:rgb(162, 113, 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, 113, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 113, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 113, 125); box-shadow:4px 4px 4px 4px rgb(162, 113, 125) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 21.208, 3.205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 113, 125) }
```

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

```
.background{ background-color: rgb(162,  
113, 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](#).

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