

Converting Colors

CIELCh(53, 8.028, 20.245)

Have a look what the booklet for
CIELCh(53, 8.028, 20.245) contains.

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Color

CIELCh(53, 8.213, 20.271)

Conversions

Conversions Part 1

Format	Color
Hex	8E7A7A
RGB	142, 122, 122
RGB Percent	56%, 48%, 48%
CMY	0.4435, 0.5219, 0.5219
CMYK	0.00, 0.14, 0.14, 0.44
HSL	0°, 8%, 52%
HSV	0°, 14%, 56%
XYZ	21.5989, 21.0462, 21.3104
YIQ	127.9800, 11.9200, 4.2400

Conversions

Conversions Part 2

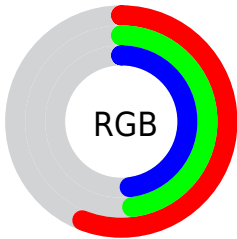
Format	Color
R_{YB}	142, 122, 122
Decimal	9337466
CIE Lab	53.00, 7.70, 2.85
CIE LCh	53, 8.213, 20.271
Yxy	21.0462, 0.3377, 0.3291
Android (android.graphics.Color)	4287527546 (0xFF8E7A7A)
YUV	127.9800, -2.9481, 12.2955
Hunter-Lab	45.8761, 3.7564, 4.5719

Details

The CIELCh color $53, 8.213, 20.271$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $57, 7.524, 198.740$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 8.429, 20.068$, and $33, 8.611, 20.747$ is the 20% darker color. If you saturate the color by 10%, you get $49, 14.582, 21.175$, and if you desaturate by 10%, it is $57, 2.295, 19.469$.

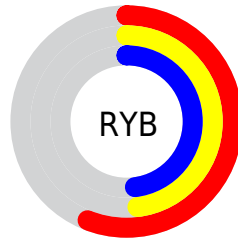
Distribution



Red (56%)

Green (48%)

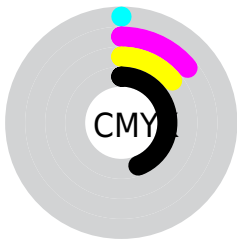
Blue (48%)



Red (56%)

Yellow (48%)

Blue (48%)

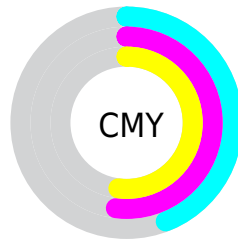


Cyan (0%)

Magenta (14%)

Yellow (14%)

Black (44%)



Cyan (44%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 8.213, 20.271 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, 8.213, 20.271 by changing the saturation by 10% instead.

 53, 8.213, 20.271  53, 8.213, 20.271

 100, 8.213, 20.271  43, 8.213, 20.271

 73, 8.213, 20.271  33, 8.213, 20.271

 83, 8.213, 20.271  23, 8.213, 20.271


 93, 8.213, 20.271  13, 8.213, 20.271

 3, 8.213, 20.271

 0, 8.213, 20.271

 53, 8.213, 20.271  53, 8.213, 20.271

 49, 14.582, 21.175  57, 2.295, 19.469

 45, 21.399, 22.310  62, 3.189, 199.256

41, 28.612, 23.778

66, 8.272, 198.750

38, 36.114, 25.679

70, 12.997,
198.391

35, 43.729, 28.109

75, 17.401,
198.107

32, 51.210, 31.112

30, 58.200, 34.543

79, 21.524,
197.876

29, 63.928, 37.724

83, 25.401,
197.687

29, 66.753, 39.126

88, 29.062,
197.530

92, 32.534,
197.398

Harmonies

Complementary

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



53, 8.213, 20.271



57, 7.524, 198.740

Rectangle

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



53, 8.213, 20.271



53, 8.213, 70.271



53, 8.213, 200.271



53, 8.213, 250.271

Sweetspot

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



53, 8.212, 20.281



73, 2.769, 19.468



54, 13.960, 325.176



37, 1.966, 19.536



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



53, 8.212, 20.281



66, 12.377, 20.552



56, 7.028, 73.710



28, 3.245, 19.898



27, 64.130, 38.801



0, 2.121, 19.415

Inverse Universe

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



57, 7.524, 198.740



72, 11.097, 198.570



55, 6.792, 257.304



30, 3.069, 199.016



51, 31.262, 196.405



2, 2.121, 199.432

Previews

White Background



This preview shows how the CIE LCh color 53, 8.213, 20.271 looks on a white background.

Color Contrast Check

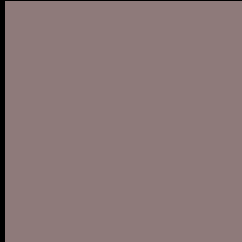
Large Text (above 18pt) WCAG AA ✓ Pass

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, 8.213, 20.271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

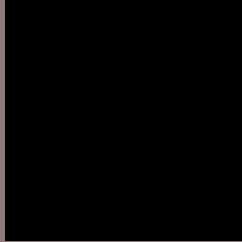
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 8.213, 20.271

Background



This preview shows how black text looks on a background with the CIELCh color 53, 8.213, 20.271.

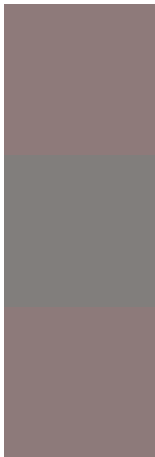


This preview shows how white text looks on a background with the CIELCh color 53, 8.213, 20.271.

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, 8.213, 20.271

Protanopia

53, 1.657, 63.325

Deuteranopia

53, 7.794, 20.221



Tritanopia
53, 10.256, 350.218

Trichromacy



Original Color
53, 8.213, 20.271

Protanomaly
53, 3.822, 37.198

Deuteranomaly
53, 7.794, 20.221

Tritanomaly
53, 9.560, 359.321

Monochromacy



Original Color
53, 8.213, 20.271

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 2.812, 19.569

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 53, 8.213, 20.271 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(142, 122, 122)` looks like.

```
.text, #text, p{  
    color:rgb(142, 122, 122)  
}
```

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(142, 122, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 122, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 8.213, 20.271 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(142, 122, 122) }
```

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

```
.border{ border-color:rgb(142, 122, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 122, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 122, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 122, 122);  
box-shadow:4px 4px 4px 4px rgb(142, 122,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 8.213, 20.271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 122, 122) }
```

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

```
.background{ background-color: rgb(142,  
122, 122) }
```

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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