

Converting Colors

CIELCh(53, 7.472, 20.195)

Have a look what the booklet for
CIELCh(53, 7.472, 20.195) contains.

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Color

CIELCh(53, 7.794, 20.221)

Conversions

Conversions Part 1

Format	Color
Hex	8D7A7A
RGB	141, 122, 122
RGB Percent	55%, 48%, 48%
CMY	0.4464, 0.5209, 0.5209
CMYK	0.00, 0.13, 0.13, 0.45
HSL	0°, 8%, 52%
HSV	0°, 13%, 55%
XYZ	21.5161, 21.0462, 21.3939
YIQ	127.6810, 11.3240, 4.0280

Conversions

Conversions Part 2

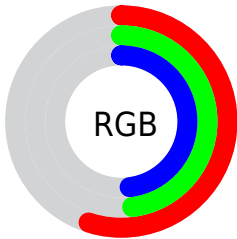
Format	Color
R_{YB}	141, 122, 122
Decimal	9271930
CIE Lab	53.00, 7.31, 2.69
CIE LCh	53, 7.794, 20.221
Yxy	21.0462, 0.3364, 0.3291
Android (android.graphics.Color)	4287462010 (0xFF8D7A7A)
YUV	127.6810, -2.8007, 11.6808
Hunter-Lab	45.8761, 3.4340, 4.4639

Details

The CIELCh color $53, 7.794, 20.221$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $57, 7.170, 198.775$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 8.039, 20.031$, and $33, 8.147, 20.671$ is the 20% darker color. If you saturate the color by 10%, you get $49, 14.107, 21.112$, and if you desaturate by 10%, it is $57, 1.930, 19.398$.

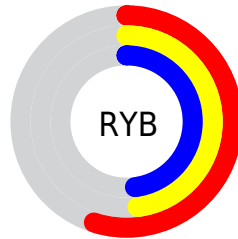
Distribution



Red (55%)

Green (48%)

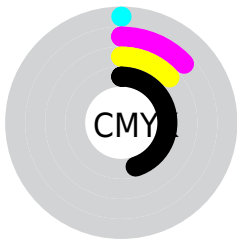
Blue (48%)



Red (55%)

Yellow (48%)

Blue (48%)

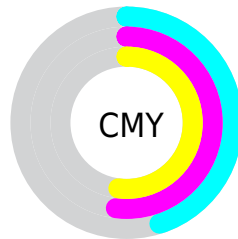


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (45%)



Cyan (45%)


Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 7.794, 20.221 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, 7.794, 20.221 by changing the saturation by 10% instead.

 53, 7.794, 20.221  53, 7.794, 20.221

 100, 7.794, 20.221  43, 7.794, 20.221

 73, 7.794, 20.221  33, 7.794, 20.221


 83, 7.794, 20.221  23, 7.794, 20.221

 93, 7.794, 20.221  13, 7.794, 20.221

 3, 7.794, 20.221

 0, 7.794, 20.221

 53, 7.794, 20.221  53, 7.794, 20.221

 49, 14.107, 21.112  57, 1.930, 19.398

 45, 20.866, 22.229  62, 3.504, 199.216

41, 28.025, 23.672

66, 8.542, 198.726

38, 35.481, 25.540

70, 13.225,
198.373

35, 43.062, 27.932

75, 17.592,
198.093

32, 50.529, 30.897

30, 57.537, 34.310

79, 21.682,
197.865

29, 63.358, 37.544

83, 25.528,
197.678

29, 66.465, 39.093

88, 29.161,
197.523

92, 32.607,
197.392

Harmonies

Complementary

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



53, 7.794, 20.221



57, 7.170, 198.775

Rectangle

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



53, 7.794, 20.221



53, 7.794, 70.221



53, 7.794, 200.221



53, 7.794, 250.221

Sweetspot

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



53, 7.793, 20.232



73, 2.768, 19.469



54, 13.277, 325.142



37, 1.966, 19.538



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, 7.793, 20.232



66, 11.604, 20.467



56, 6.676, 73.784



28, 3.245, 19.900



27, 64.129, 38.801



0, 2.121, 19.417

Inverse Universe

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



57, 7.170, 198.775



73, 10.475, 198.623



55, 6.463, 257.213



30, 3.069, 199.018



51, 31.261, 196.408



2, 2.121, 199.434

Previews

White Background



This preview shows how the CIELCh color 53, 7.794, 20.221 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, 7.794, 20.221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

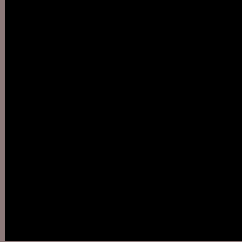
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 7.794, 20.221

Background



This preview shows how black text looks on a background with the CIELCh color 53, 7.794, 20.221.



This preview shows how white text looks on a background with the CIELCh color 53, 7.794, 20.221.

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, 7.794, 20.221

Protanopia

53, 1.657, 63.325

Deuteranopia

53, 7.794, 20.221



Tritanopia
53, 9.909, 348.967

Trichromacy



Original Color
53, 7.794, 20.221

Protanomaly
53, 3.433, 39.219

Deuteranomaly
53, 7.794, 20.221

Tritanomaly
53, 9.179, 358.333

Monochromacy



Original Color
53, 7.794, 20.221

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, 7.794, 20.221 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(141, 122, 122)` looks like.

```
.text, #text, p{  
    color:rgb(141, 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(141, 122, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 122, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 7.794, 20.221 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(141, 122, 122) }
```

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

```
.border{ border-color:rgb(141, 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(141, 122, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 122, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 122, 122);  
box-shadow:4px 4px 4px 4px rgb(141, 122,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 7.794, 20.221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 122, 122) }
```

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

```
.background{ background-color: rgb(141,  
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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