

Converting Colors

CIELCh(53, 7.066, 356.105)

Have a look what the booklet for
CIELCh(53, 7.066, 356.105) contains.

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Color

CIELCh(53, 7.066, 356.118)

Conversions

Conversions Part 1

Format	Color
Hex	8B7B80
RGB	139, 123, 128
RGB Percent	55%, 48%, 50%
CMY	0.4568, 0.5194, 0.4999
CMYK	0.00, 0.12, 0.08, 0.46
HSL	341°, 6%, 51%
HSV	341°, 12%, 54%
XYZ	21.4602, 21.0462, 23.1933
YIQ	128.3540, 7.9310, 4.9470

Conversions

Conversions Part 2

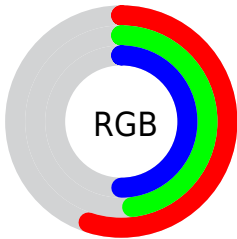
Format	Color
R_{YB}	139, 123, 128
Decimal	9141120
CIE Lab	53.00, 7.05, -0.48
CIE LCh	53, 7.066, 356.118
Yxy	21.0462, 0.3266, 0.3203
Android (android.graphics.Color)	4287331200 (0xFF8B7B80)
YUV	128.3540, -0.1745, 9.3365
Hunter-Lab	45.8761, 3.2167, 2.1384

Details

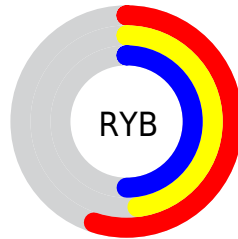
The CIELCh color $53, 7.066, 356.118$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $56, 6.851, 174.122$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 7.537, 354.504$, and $33, 7.304, 355.178$ is the 20% darker color. If you saturate the color by 10%, you get $49, 13.423, 357.221$, and if you desaturate by 10%, it is $57, 0.928, 354.851$.

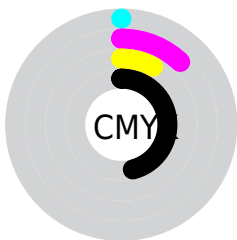
Distribution



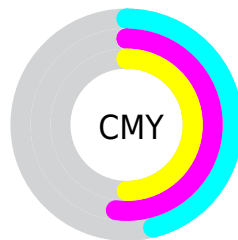
- Red (55%)
- Green (48%)
- Blue (50%)



- Red (55%)
- Yellow (48%)
- Blue (50%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (46%)



- Cyan (46%)
- Magenta (52%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 7.066, 356.118 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, 7.066, 356.118 by changing the saturation by 10% instead.

■ 53, 7.066, 356.118

■ 53, 7.066, 356.118

■ 100, 7.066,
356.118

■ 43, 7.066, 356.118

■ 73, 7.066, 356.118

■ 33, 7.066, 356.118

■ 83, 7.066, 356.118

■ 23, 7.066, 356.118

■ 93, 7.066, 356.118

■ 13, 7.066, 356.118

■ 3, 7.066, 356.118

■ 0, 7.066, 356.118

■ 53, 7.066, 356.118

■ 53, 7.066, 356.118

■ 49, 13.423,
357.221

■ 57, 0.928, 354.851

■ 61, 4.959, 174.485

45, 19.938,
358.476

65, 10.588,
173.705

42, 26.499,
359.959

69, 15.966,
173.024

38, 32.929, 1.750

74, 21.107,
172.410

35, 38.989, 3.959

78, 26.029,
171.849

33, 44.397, 6.724

31, 48.900, 10.206

82, 30.750,
171.334

29, 52.387, 14.536

86, 35.289,
170.858

28, 55.008, 18.518

90, 39.663,
170.418

Harmonies

Complementary

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



53, 7.066, 356.118



56, 6.851, 174.122

Rectangle

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



53, 7.066, 356.118



53, 7.066, 46.118



53, 7.066, 176.118



53, 7.066, 226.118

Sweetspot

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



53, 7.064, 356.125



72, 2.250, 355.180



53, 10.234, 315.657



38, 1.721, 355.287



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, 7.064, 356.125



67, 10.718, 356.417



54, 5.591, 37.375



27, 3.422, 355.876



27, 53.233, 18.262



0, 1.561, 355.100

Inverse Universe

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



53, 7.064, 356.125



67, 10.718, 356.417



56, 5.207, 217.883



27, 3.422, 355.876



27, 53.233, 18.262



0, 1.561, 355.100

Previews

White Background



This preview shows how the CIELCh color 53, 7.066, 356.118 looks on a white background.

Color Contrast Check

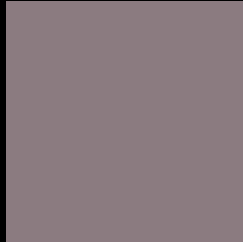
Large Text (above 18pt) WCAG AA ✓ Pass

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, 7.066, 356.118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

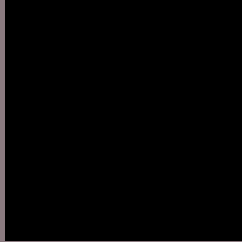
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 7.066, 356.118

Background



This preview shows how black text looks on a background with the CIELCh color 53, 7.066, 356.118.



This preview shows how white text looks on a background with the CIELCh color 53, 7.066, 356.118.

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, 7.066, 356.118

Protanopia

53, 2.459, 309.162

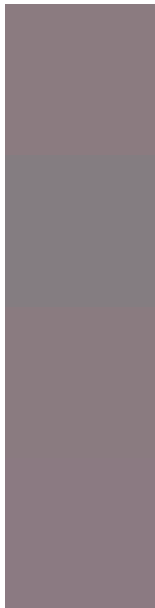
Deuteranopia

53, 6.697, 354.637



Tritanopia
53, 8.567, 343.037

Trichromacy



Original Color

53, 7.066, 356.118

Protanomaly

53, 3.640, 340.308

Deuteranomaly

53, 6.697, 354.637

Tritanomaly

53, 8.240, 346.257

Monochromacy



Original Color

53, 7.066, 356.118

Achromatopsia

54, 0.007, 296.813

Achromatomaly

53, 2.670, 353.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 7.066, 356.118 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(139, 123, 128)` looks like.

```
.text, #text, p{  
    color:rgb(139, 123, 128)  
}
```

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(139, 123, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 123, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 7.066, 356.118 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(139, 123, 128) }
```

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

```
.border{ border-color:rgb(139, 123, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 123, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 123, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 123, 128);  
box-shadow:4px 4px 4px 4px rgb(139, 123,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 7.066, 356.118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 123, 128) }
```

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

```
.background{ background-color: rgb(139,  
123, 128) }
```

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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