

Converting Colors

CIELCh(53, 7.259, 272.807)

Have a look what the booklet for
CIELCh(53, 7.259, 272.807) contains.

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Color

CIELCh(53, 7.255, 272.827)

Conversions

Conversions Part 1

Format	Color
Hex	797F8B
RGB	121, 127, 139
RGB Percent	47%, 50%, 55%
CMY	0.5262, 0.5026, 0.4556
CMYK	0.13, 0.09, 0.00, 0.46
HSL	220°, 7%, 51%
HSV	220°, 13%, 54%
XYZ	20.0761, 21.0462, 27.3633
YIQ	126.5740, -7.4280, 2.4600

Conversions

Conversions Part 2

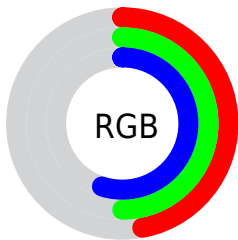
Format	Color
R_{YB}	121, 126, 139
Decimal	7962507
CIE Lab	53.00, 0.36, -7.25
CIE LCh	53, 7.255, 272.827
Yxy	21.0462, 0.2931, 0.3073
Android (android.graphics.Color)	4286152587 (0xFF797F8B)
YUV	126.5740, 6.1260, -4.8884
Hunter-Lab	45.8761, -2.1690, -3.2509

Details

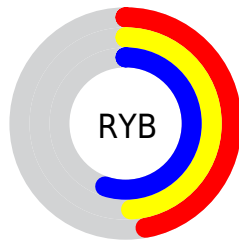
The CIELCh color $53, 7.255, 272.827$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $56, 7.266, 89.527$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 6.935, 269.560$, and $33, 7.281, 272.016$ is the 20% darker color. If you saturate the color by 10%, you get $49, 12.945, 274.344$, and if you desaturate by 10%, it is $57, 1.650, 271.582$.

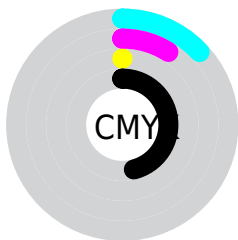
Distribution



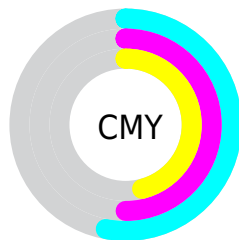
- Red (47%)
- Green (50%)
- Blue (55%)



- Red (47%)
- Yellow (49%)
- Blue (55%)



- Cyan (13%)
- Magenta (9%)
- Yellow (0%)
- Black (46%)



- Cyan (53%)
- Magenta (50%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 7.255, 272.827 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, 7.255, 272.827 by changing the saturation by 10% instead.

■ 53, 7.255, 272.827

■ 53, 7.255, 272.827

■ 100, 7.255,
272.827

■ 43, 7.255, 272.827

■ 73, 7.255, 272.827

■ 33, 7.255, 272.827

■ 83, 7.255, 272.827

■ 23, 7.255, 272.827

■ 93, 7.255, 272.827

■ 13, 7.255, 272.827

■ 3, 7.255, 272.827

■ 0, 7.255, 272.827

■ 53, 7.255, 272.827

■ 53, 7.255, 272.827

■ 49, 12.945,
274.344

■ 57, 1.650, 271.582

■ 60, 3.868, 90.277

46, 18.725,
276.128

64, 9.298, 89.308

42, 24.603,
278.208

68, 14.641, 88.442

38, 30.594,
280.619

71, 19.895, 87.676

35, 36.720,
283.383

75, 25.059, 86.996

31, 43.006,
286.492

79, 30.134, 86.388

82, 35.120, 85.842

28, 49.462,
289.881

86, 40.019, 85.349

25, 56.045,
293.415

23, 60.711,
295.722

Harmonies

Complementary

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



53, 7.255, 272.827



56, 7.266, 89.527

Rectangle

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



53, 7.255, 272.827



53, 7.255, 322.827



53, 7.255, 92.827



53, 7.255, 142.827

Sweetspot

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



53, 7.254, 272.819



72, 2.767, 271.691



56, 7.887, 171.475



38, 1.982, 271.765



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, 7.254, 272.819



66, 11.149, 273.309



52, 10.552, 297.065



27, 3.129, 272.302



22, 58.456, 295.557



0, 1.444, 271.119

Inverse Universe

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



53, 8.055, 354.846



66, 12.423, 355.205



57, 10.264, 115.128



27, 3.460, 354.452



27, 52.839, 16.337



0, 1.580, 353.680

Previews

White Background



This preview shows how the CIELCh color 53, 7.255, 272.827 looks on a white background.

Color Contrast Check

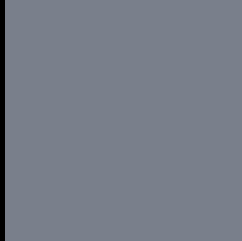
Large Text (above 18pt) WCAG AA ✓ Pass

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, 7.255, 272.827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

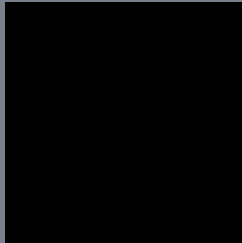
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

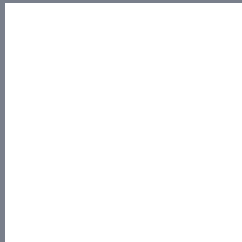
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 7.255, 272.827

Background



This preview shows how black text looks on a background with the CIELCh color 53, 7.255, 272.827.



This preview shows how white text looks on a background with the CIELCh color 53, 7.255, 272.827.

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, 7.255, 272.827

Protanopia

53, 6.951, 287.894

Deuteranopia

53, 10.625, 312.578



Tritanopia
53, 6.175, 269.202

Trichromacy



Original Color

53, 7.255, 272.827

Protanomaly

53, 7.020, 281.687

Deuteranomaly

53, 9.501, 302.917

Tritanomaly

53, 6.712, 271.155

Monochromacy



Original Color

53, 7.255, 272.827

Achromatopsia

53, 0.007, 296.813

Achromatomaly

53, 2.989, 275.429

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 7.255, 272.827 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(121, 127, 139)` looks like.

```
.text, #text, p{  
    color:rgb(121, 127, 139)  
}
```

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(121, 127, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 127, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 7.255, 272.827 is called "border". The border property can be set on classes, ids or directly on the HTML element.

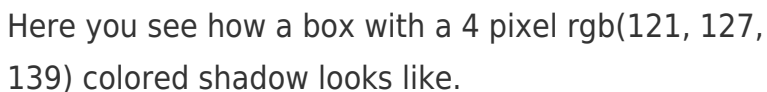
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(121, 127, 139) }
```

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

```
.border{ border-color:rgb(121, 127, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(121, 127, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 127, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 127, 139);  
box-shadow:4px 4px 4px 4px rgb(121, 127,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 7.255, 272.827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 127, 139) }
```

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

```
.background{ background-color: rgb(121,  
127, 139) }
```

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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