

Converting Colors

CIELCh(53, 8.504, 271.806)

Have a look what the booklet for
CIELCh(53, 8.504, 271.806) contains.

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Color

CIELCh(53, 8.567, 270.742)

Conversions

Conversions Part 1

Format	Color
Hex	777F8D
RGB	119, 127, 141
RGB Percent	47%, 50%, 55%
CMY	0.5331, 0.5017, 0.4468
CMYK	0.16, 0.10, 0.00, 0.45
HSL	218°, 9%, 51%
HSV	218°, 16%, 55%
XYZ	20.0262, 21.0462, 28.2310
YIQ	126.2040, -9.2620, 2.6580

Conversions

Conversions Part 2

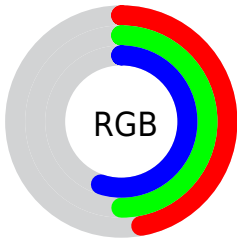
Format	Color
R_{YB}	119, 125, 141
Decimal	7831437
CIE Lab	53.00, 0.11, -8.57
CIE LCh	53, 8.567, 270.742
Yxy	21.0462, 0.2890, 0.3037
Android (android.graphics.Color)	4286021517 (0xFF777F8D)
YUV	126.2040, 7.2944, -6.3179
Hunter-Lab	45.8761, -2.3632, -4.3722

Details

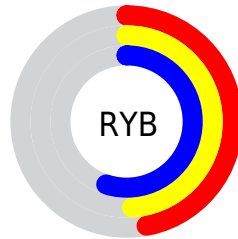
The CIELCh color $53, 8.567, 270.742$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $56, 8.637, 86.681$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 8.683, 269.339$, and $33, 8.697, 270.265$ is the 20% darker color. If you saturate the color by 10%, you get $49, 14.135, 272.352$, and if you desaturate by 10%, it is $57, 3.060, 269.381$.

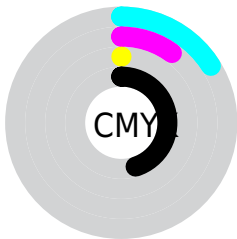
Distribution



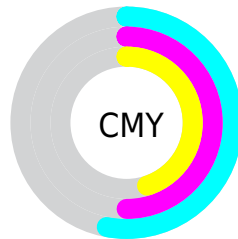
- Red (47%)
- Green (50%)
- Blue (55%)



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



- Cyan (16%)
- Magenta (10%)
- Yellow (0%)
- Black (45%)



- Cyan (53%)
- Magenta (50%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 8.567, 270.742 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, 8.567, 270.742 by changing the saturation by 10% instead.

■ 53, 8.567, 270.742

■ 53, 8.567, 270.742

■ 100, 8.567,
270.742

■ 43, 8.567, 270.742

■ 73, 8.567, 270.742

■ 33, 8.567, 270.742

■ 83, 8.567, 270.742

■ 23, 8.567, 270.742

■ 93, 8.567, 270.742

■ 13, 8.567, 270.742

■ 3, 8.567, 270.742

■ 0, 8.567, 270.742

■ 53, 8.567, 270.742

■ 53, 8.567, 270.742

■ 49, 14.135,
272.352

■ 57, 3.060, 269.381

■ 60, 2.381, 88.023

46, 19.768,
274.244

64, 7.754, 87.035

42, 25.471,
276.452

67, 13.054, 86.131

39, 31.259,
279.011

71, 18.280, 85.332

35, 37.155,
281.942

78, 28.499, 83.991

32, 43.190,
285.229

82, 33.489, 83.424

29, 49.383,
288.796

85, 38.400, 82.913

26, 55.710,
292.470

25, 58.533,
293.949

Harmonies

Complementary

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



53, 8.567, 270.742



56, 8.637, 86.681

Rectangle

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



53, 8.567, 270.742



53, 8.567, 320.742



53, 8.567, 90.742



53, 8.567, 140.742

Sweetspot

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



53, 8.566, 270.735



72, 3.389, 269.324



57, 9.706, 170.142



37, 2.305, 269.396



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, 8.566, 270.735



66, 12.966, 271.321



51, 12.914, 296.687



28, 3.122, 269.833



24, 56.500, 293.789



1, 2.100, 268.624

Inverse Universe

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



52, 10.024, 353.121



65, 15.228, 353.529



58, 12.488, 114.252



28, 3.627, 352.465



28, 53.138, 13.627



1, 2.413, 351.696

Previews

White Background



This preview shows how the CIELCh color 53, 8.567, 270.742 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, 8.567, 270.742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

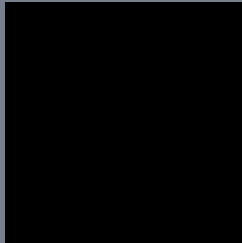
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

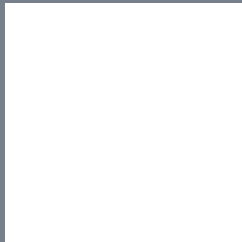
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 8.567, 270.742

Background



This preview shows how black text looks on a background with the CIELCh color 53, 8.567, 270.742.

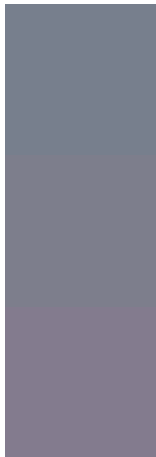


This preview shows how white text looks on a background with the CIELCh color 53, 8.567, 270.742.

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

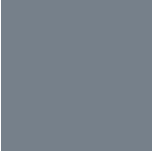
53, 8.567, 270.742

Protanopia

53, 8.105, 288.501

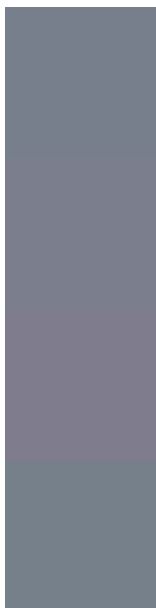
Deuteranopia

53, 11.477, 306.908



Tritanopia
53, 6.826, 257.356

Trichromacy



Original Color
53, 8.567, 270.742

Protanomaly
53, 8.162, 283.200

Deuteranomaly
53, 10.520, 297.659

Tritanomaly
53, 7.307, 260.007

Monochromacy



Original Color
53, 8.567, 270.742

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 3.106, 268.470

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 8.567, 270.742 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(119, 127, 141)` looks like.

```
.text, #text, p{  
    color:rgb(119, 127, 141)  
}
```

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(119, 127, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 127, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 8.567, 270.742 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(119, 127, 141) }
```

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

```
.border{ border-color:rgb(119, 127, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 127, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 127, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 127, 141);  
box-shadow:4px 4px 4px 4px rgb(119, 127,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 8.567, 270.742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 127, 141) }
```

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

```
.background{ background-color: rgb(119,  
127, 141) }
```

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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