

Converting Colors

CIELCh(53, 4.037, 273.087)

Have a look what the booklet for
CIELCh(53, 4.037, 273.087) contains.

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Color

CIELCh(53, 3.642, 272.006)

Conversions

Conversions Part 1

Format	Color
Hex	7C7F85
RGB	124, 127, 133
RGB Percent	49%, 50%, 52%
CMY	0.5149, 0.5032, 0.4797
CMYK	0.07, 0.05, 0.00, 0.48
HSL	220°, 4%, 50%
HSV	220°, 7%, 52%
XYZ	20.0295, 21.0462, 25.0841
YIQ	126.7870, -3.7140, 1.2300

Conversions

Conversions Part 2

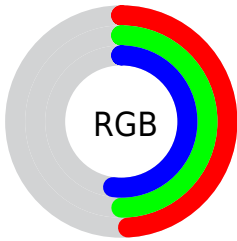
Format	Color
RYB	124, 126, 133
Decimal	8159109
CIELab	53.00, 0.13, -3.64
CIElCh	53, 3.642, 272.006
Yxy	21.0462, 0.3027, 0.3181
Android (android.graphics.Color)	4286349189 (0xFF7C7F85)
YUV	126.7870, 3.0630, -2.4442
Hunter-Lab	45.8761, -2.3502, -0.3052

Details

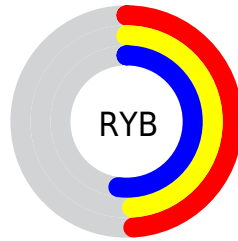
The CIELCh color $53, 3.642, 272.006$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 3.635, 90.252$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 3.422, 271.795$, and $33, 3.958, 272.438$ is the 20% darker color. If you saturate the color by 10%, you get $49, 9.072, 273.352$, and if you desaturate by 10%, it is $57, 1.707, 90.630$.

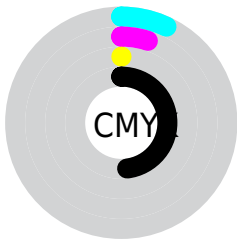
Distribution



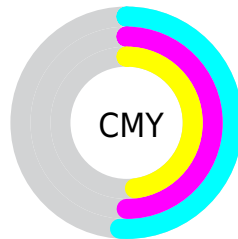
- Red (49%)
- Green (50%)
- Blue (52%)



- Red (49%)
- Yellow (49%)
- Blue (52%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (48%)



- Cyan (51%)
- Magenta (50%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 3.642, 272.006 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, 3.642, 272.006 by changing the saturation by 10% instead.

■ 53, 3.642, 272.006

■ 53, 3.642, 272.006

■ 100, 3.642,
272.006

■ 43, 3.642, 272.006

■ 73, 3.642, 272.006

■ 33, 3.642, 272.006

■ 83, 3.642, 272.006

■ 23, 3.642, 272.006

■ 93, 3.642, 272.006

■ 13, 3.642, 272.006

■ 3, 3.642, 272.006

■ 0, 3.642, 272.006

■ 53, 3.642, 272.006

■ 53, 3.642, 272.006

■ 49, 9.072, 273.352

■ 57, 1.707, 90.630

■ 46, 14.587,

■ 60, 6.972, 89.662

274.964

64, 12.154, 88.759

42, 20.190,
276.844

67, 17.250, 87.959

39, 25.890,
279.031

71, 22.260, 87.249

35, 31.706,
281.558

74, 27.185, 86.616

32, 37.660,
284.436

81, 36.779, 85.537

29, 43.775,
287.640

85, 41.450, 85.073

26, 50.046,
291.085

23, 56.414,
294.549

Harmonies

Complementary

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



53, 3.642, 272.006



54, 3.635, 90.252

Rectangle

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



53, 3.642, 272.006



53, 3.642, 322.006



53, 3.642, 92.006



53, 3.642, 142.006

Sweetspot

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



53, 3.641, 271.988



70, 1.337, 271.510



55, 3.985, 172.084



36, 0.757, 271.505



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



53, 3.641, 271.988



67, 5.351, 272.163



52, 5.259, 296.559



26, 3.031, 272.284



21, 57.515, 295.478



0, 0.722, 271.109

Inverse Universe

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



53, 4.015, 354.195



67, 5.911, 354.341



55, 5.176, 115.577



26, 3.352, 354.438



27, 52.079, 16.210



0, 0.790, 353.672

Previews

White Background



This preview shows how the CIELCh color 53, 3.642, 272.006 looks on a white background.

Color Contrast Check

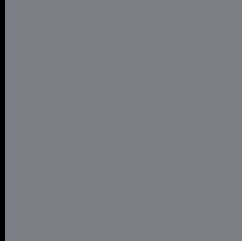
Large Text (above 18pt) WCAG AA ✓ Pass

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, 3.642, 272.006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

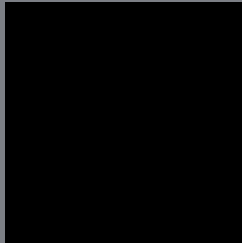
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

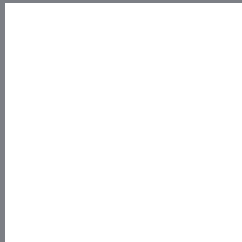
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 3.642, 272.006

Background



This preview shows how black text looks on a background with the CIELCh color 53, 3.642, 272.006.



This preview shows how white text looks on a background with the CIELCh color 53, 3.642, 272.006.

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, 3.642, 272.006

Protanopia

53, 3.504, 297.025

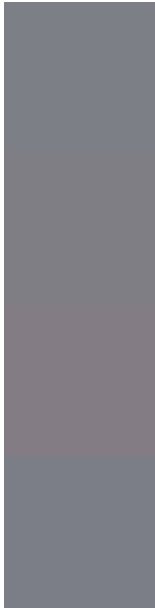
Deuteranopia

53, 7.770, 332.186



Tritanopia
53, 5.828, 283.337

Trichromacy



Original Color

53, 3.642, 272.006

Protanomaly

53, 3.476, 290.623

Deuteranomaly

53, 6.120, 321.684

Tritanomaly

53, 5.255, 282.410

Monochromacy



Original Color

53, 3.642, 272.006

Achromatopsia

53, 0.007, 296.813

Achromatomaly

53, 1.223, 271.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 3.642, 272.006 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(124, 127, 133)` looks like.

```
.text, #text, p{  
    color:rgb(124, 127, 133)  
}
```

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(124, 127, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 127, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 3.642, 272.006 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(124, 127, 133) }
```

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

```
.border{ border-color:rgb(124, 127, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 127, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 127, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 127, 133);  
box-shadow:4px 4px 4px 4px rgb(124, 127,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 3.642, 272.006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 127, 133) }
```

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

```
.background{ background-color: rgb(124,  
127, 133) }
```

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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