

Converting Colors

CIELCh(53, 12.229, 269.694)

Have a look what the booklet for
CIELCh(53, 12.229, 269.694)
contains.

CIELCh(53, 12.249, 270.757)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(53, 12.249, 270.757)

Conversions

Conversions Part 1

Format	Color
Hex	737F93
RGB	115, 127, 147
RGB Percent	45%, 50%, 58%
CMY	0.5478, 0.5007, 0.4222
CMYK	0.22, 0.14, 0.00, 0.42
HSL	218°, 13%, 52%
HSV	218°, 22%, 58%
XYZ	20.0364, 21.0462, 30.7472
YIQ	125.6920, -13.5720, 3.6760

Conversions

Conversions Part 2

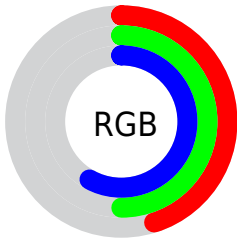
Format	Color
RYB	115, 124, 147
Decimal	7569299
CIELab	53.00, 0.16, -12.25
CIElCh	53, 12.249, 270.757
Yxy	21.0462, 0.2789, 0.2930
Android (android.graphics.Color)	4285759379 (0xFF737F93)
YUV	125.6920, 10.5048, -9.3769
Hunter-Lab	45.8761, -2.3232, -7.6242

Details

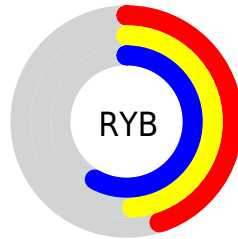
The CIELCh color $53, 12.249, 270.757$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $57, 12.443, 84.919$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 12.159, 269.406$, and $33, 12.077, 270.000$ is the 20% darker color. If you saturate the color by 10%, you get $49, 17.970, 272.553$, and if you desaturate by 10%, it is $57, 6.580, 269.221$.

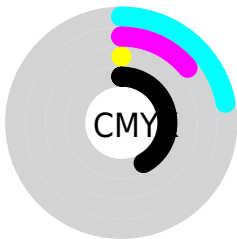
Distribution



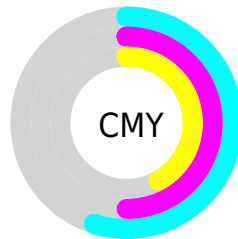
- Red (45%)
- Green (50%)
- Blue (58%)



- Red (45%)
- Yellow (49%)
- Blue (58%)



- Cyan (22%)
- Magenta (14%)
- Yellow (0%)
- Black (42%)





- Cyan (55%)
- Magenta (50%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 12.249, 270.757 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, 12.249, 270.757 by changing the saturation by 10% instead.


 53, 12.249,
270.757


 53, 12.249,
270.757


 100, 12.249,
270.757


 43, 12.249,
270.757


 73, 12.249,
270.757

 33, 12.249,
270.757

 83, 12.249,
270.757

 23, 12.249,
270.757

 93, 12.249,
270.757

 13, 12.249,
270.757

 3, 12.249, 270.757

 0, 12.249, 270.757

■ 53, 12.249,
270.757

■ 53, 12.249,
270.757

■ 49, 17.970,
272.553

■ 57, 6.580, 269.221

■ 46, 23.750,
274.658

■ 60, 0.969, 268.082

■ 64, 4.581, 86.662

■ 42, 29.597,
277.110

■ 68, 10.066, 85.689

■ 38, 35.533,
279.938

■ 72, 15.481, 84.823

■ 75, 20.822, 84.057

■ 35, 41.588,
283.142

■ 79, 26.088, 83.377

■ 32, 47.794,
286.675

■ 83, 31.276, 82.769

■ 86, 36.385, 82.224

■ 29, 54.154,
290.415

■ 26, 59.516,

Harmonies

Complementary

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



53, 12.249, 270.757



57, 12.443, 84.919

Rectangle

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



53, 12.249, 270.757



53, 12.249, 320.757



53, 12.249, 90.757



53, 12.249, 140.757

Sweetspot

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



53, 12.248, 270.753



74, 4.851, 268.608



58, 14.110, 168.475



39, 3.177, 268.673



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



53, 12.248, 270.753



66, 18.173, 271.582



50, 18.849, 296.694



29, 3.177, 268.876



24, 56.288, 293.128



1, 2.768, 267.655

Inverse Universe

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



52, 14.687, 353.059



64, 21.868, 353.616



60, 17.965, 113.086



29, 3.759, 351.745



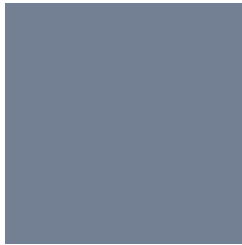
28, 53.742, 12.669



1, 3.240, 350.976

Previews

White Background



This preview shows how the CIELCh color 53, 12.249, 270.757 looks on a white background.

Color Contrast Check

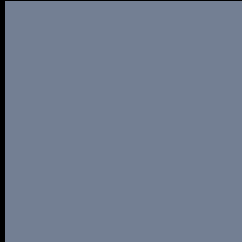
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 53, 12.249, 270.757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

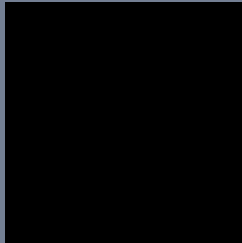
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

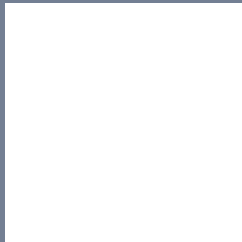
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 12.249, 270.757

Background



This preview shows how black text looks on a background with the CIELCh color 53, 12.249, 270.757.



This preview shows how white text looks on a background with the CIELCh color 53, 12.249, 270.757.

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

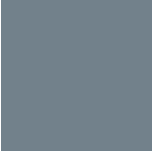
53, 12.249, 270.757

Protanopia

53, 12.174, 288.196

Deuteranopia

53, 14.656, 299.229



Tritanopia
53, 7.931, 246.036

Trichromacy



Original Color
53, 12.249, 270.757

Protanomaly
53, 11.735, 280.757

Deuteranomaly
53, 13.328, 288.658

Tritanomaly
53, 9.480, 258.157

Monochromacy



Original Color
53, 12.249, 270.757

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 4.856, 272.282

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 12.249, 270.757 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(115, 127, 147)` looks like.

```
.text, #text, p{  
    color:rgb(115, 127, 147)  
}
```

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(115, 127, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 127, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 12.249, 270.757 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(115, 127, 147) }
```

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

```
.border{ border-color:rgb(115, 127, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 127, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 127, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 127, 147);  
box-shadow:4px 4px 4px 4px rgb(115, 127,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 12.249, 270.757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 127, 147) }
```

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

```
.background{ background-color: rgb(115,  
127, 147) }
```

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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