

Converting Colors

CIELCh(43, 9.326, 269.419)

Have a look what the booklet for
CIELCh(43, 9.326, 269.419) contains.

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Color

CIELCh(43, 9.566, 270.478)

Conversions

Conversions Part 1

Format	Color
Hex	5D6675
RGB	93, 102, 117
RGB Percent	36%, 40%, 46%
CMY	0.6347, 0.5994, 0.5405
CMYK	0.20, 0.13, 0.00, 0.54
HSL	217°, 11%, 41%
HSV	217°, 20%, 46%
XYZ	12.5178, 13.1578, 18.7601
YIQ	101.0190, -10.1790, 2.7570

Conversions

Conversions Part 2

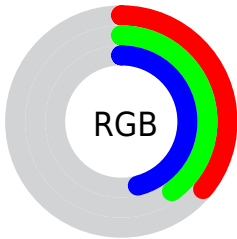
Format	Color
RYB	93, 100, 117
Decimal	6121077
CIELab	43.00, 0.08, -9.57
CIElCh	43, 9.566, 270.478
Yxy	13.1578, 0.2817, 0.2961
Android (android.graphics.Color)	4284311157 (0xFF5D6675)
YUV	101.0190, 7.8786, -7.0327
Hunter-Lab	36.2736, -1.8795, -5.2723

Details

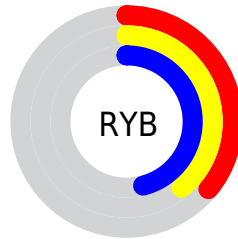
The CIELCh color $43, 9.566, 270.478$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $46, 9.704, 85.132$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 9.452, 270.960$, and $23, 9.779, 272.993$ is the 20% darker color. If you saturate the color by 10%, you get $40, 14.300, 272.184$, and if you desaturate by 10%, it is $46, 4.875, 269.015$.

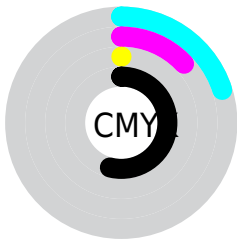
Distribution



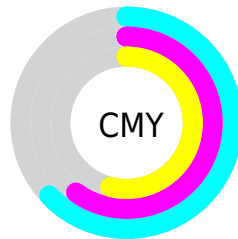
- Red (36%)
- Green (40%)
- Blue (46%)



- Red (36%)
- Yellow (39%)
- Blue (46%)



- Cyan (20%)
- Magenta (13%)
- Yellow (0%)
- Black (54%)



- Cyan (63%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 9.566, 270.478 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 43, 9.566, 270.478 by changing the saturation by 10% instead.

■ 43, 9.566, 270.478

■ 43, 9.566, 270.478

■ 100, 9.566,
270.478

■ 33, 9.566, 270.478

■ 63, 9.566, 270.478

■ 23, 9.566, 270.478

■ 73, 9.566, 270.478

■ 13, 9.566, 270.478

■ 83, 9.566, 270.478

■ 3, 9.566, 270.478

■ 93, 9.566, 270.478

■ 0, 9.566, 270.478

■ 43, 9.566, 270.478

■ 43, 9.566, 270.478

■ 40, 14.300,
272.184

■ 46, 4.875, 269.015

■ 37, 19.080,

■ 49, 0.231, 268.495

274.180

52, 4.363, 86.555

34, 23.912,
276.499

55, 8.904, 85.612

31, 28.812,
279.173

58, 13.388, 84.772

28, 33.801,
282.212

61, 17.812, 84.027

25, 38.906,
285.583

64, 22.175, 83.364

23, 44.140,
289.196

67, 26.474, 82.770

20, 49.246,
292.455

70, 30.709, 82.235

Harmonies

Complementary

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



43, 9.566, 270.478



46, 9.704, 85.132

Rectangle

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



43, 9.566, 270.478



43, 9.566, 320.478



43, 9.566, 90.478



43, 9.566, 140.478

Sweetspot

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



43, 9.565, 270.474



61, 3.465, 268.466



47, 11.044, 168.646



31, 2.285, 268.522



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



43, 9.565, 270.474



54, 14.557, 271.322



41, 14.684, 296.521



23, 2.617, 268.824



21, 51.062, 292.647



45, 91.723, 294.838

Inverse Universe

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



42, 11.454, 352.870



52, 17.502, 353.442



48, 14.052, 113.217



23, 3.096, 351.706



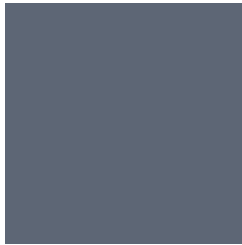
25, 49.293, 11.990



53, 84.247, 15.208

Previews

White Background



This preview shows how the CIELCh color 43, 9.566, 270.478 looks on a white 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

Black Background



This preview shows how the CIELCh color 43, 9.566, 270.478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

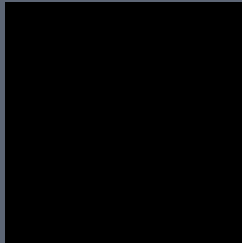
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

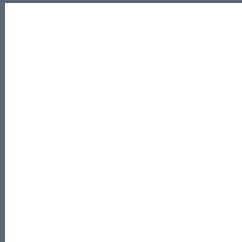
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 9.566, 270.478

Background



This preview shows how black text looks on a background with the CIELCh color 43, 9.566, 270.478.

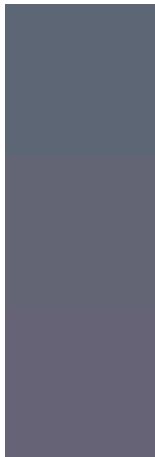


This preview shows how white text looks on a background with the CIELCh color 43, 9.566, 270.478.

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

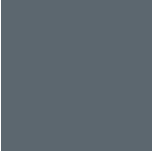
43, 9.566, 270.478

Protanopia

43, 9.046, 286.562

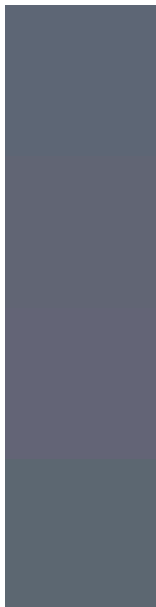
Deuteranopia

43, 11.591, 299.518



Tritanopia
43, 6.359, 248.482

Trichromacy



Original Color
43, 9.566, 270.478

Protanomaly
43, 9.128, 281.744

Deuteranomaly
43, 10.847, 289.715

Tritanomaly
43, 7.269, 255.242

Monochromacy



Original Color
43, 9.566, 270.478

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 3.790, 272.187

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 9.566, 270.478 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(93, 102, 117)` looks like.

```
.text, #text, p{  
    color:rgb(93, 102, 117)  
}
```

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(93, 102, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 102, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 9.566, 270.478 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(93, 102, 117) }
```

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

```
.border{ border-color:rgb(93, 102, 117) }
```

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

Here you see how a box with a 4 pixel rgb(93, 102, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 102, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 102, 117);  
box-shadow:4px 4px 4px 4px rgb(93, 102,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 9.566, 270.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 102, 117) }
```

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

```
.background{ background-color: rgb(93, 102,  
117) }
```

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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