

Converting Colors

CIELCh(43, 26.430, 255.485)

Have a look what the booklet for
CIELCh(43, 26.430, 255.485)
contains.

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Color

CIELCh(43, 26.219, 254.718)

Conversions

Conversions Part 1

Format	Color
Hex	326B8F
RGB	50, 107, 143
RGB Percent	20%, 42%, 56%
CMY	0.8042, 0.5807, 0.4395
CMYK	0.65, 0.25, 0.00, 0.44
HSL	203°, 48%, 38%
HSV	203°, 65%, 56%
XYZ	11.5140, 13.1578, 27.8898
YIQ	94.0610, -45.5280, -0.8880

Conversions

Conversions Part 2

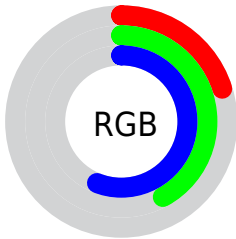
Format	Color
R_{YB}	50, 85, 143
Decimal	3304335
CIE _{Lab}	43.00, -6.91, -25.29
CIE _{LCh}	43, 26.219, 254.718
Yxy	13.1578, 0.2191, 0.2503
Android (android.graphics.Color)	4281494415 (0xFF326B8F)
YUV	94.0610, 24.1269, -38.6415
Hunter-Lab	36.2736, -6.8192, -20.1950

Details

The CIELCh color **43, 26.219, 254.718** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **42, 36.600, 56.693**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 26.304, 255.229**, and **24, 24.228, 260.585** is the 20% darker color. If you saturate the color by 10%, you get **41, 29.384, 258.316**, and if you desaturate by 10%, it is **45, 22.812, 251.688**.

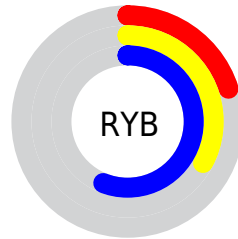
Distribution



Red (20%)

Green (42%)

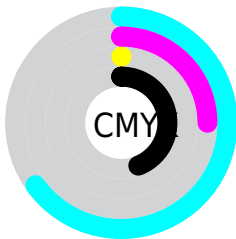
Blue (56%)



Red (20%)

Yellow (33%)

Blue (56%)

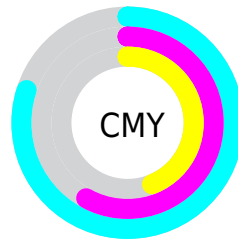


Cyan (65%)

Magenta (25%)

Yellow (0%)

Black (44%)



Cyan (80%)


Magenta (58%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 26.219, 254.718 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, 26.219, 254.718 by changing the saturation by 10% instead.


 43, 26.219,
254.718


 43, 26.219,
254.718


 100, 26.219,
254.718


 33, 26.219,
254.718

 63, 26.219,
254.718


 23, 26.219,
254.718

 73, 26.219,
254.718

 13, 26.219,
254.718

 83, 26.219,
254.718

 3, 26.219, 254.718

 93, 26.219,
254.718

 0, 26.219, 254.718

 43, 26.219,

 43, 26.219,

254.718

■ 41, 29.384,
258.316

■ 39, 32.363,
262.490

■ 37, 35.252,
267.147

■ 36, 36.727,
269.370

254.718

■ 45, 22.812,
251.688

■ 48, 19.149,
249.173

■ 50, 15.239,
247.103

■ 53, 11.107,
245.408

■ 55, 6.789, 244.028

■ 58, 2.318, 242.975

■ 61, 2.270, 61.712

■ 63, 6.946, 61.021

■ 66, 11.684, 60.375

Harmonies

Complementary

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



43, 26.219, 254.718



42, 36.600, 56.693

Rectangle

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



43, 26.219, 254.718



43, 26.219, 304.718



43, 26.219, 74.718



43, 26.219, 124.718

Sweetspot

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



43, 26.218, 254.718



69, 11.081, 244.730



53, 46.716, 150.941



36, 7.587, 245.090



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



43, 26.218, 254.718



52, 37.377, 260.159



29, 52.317, 296.049



29, 2.564, 243.354



34, 35.129, 269.082



1, 1.754, 242.330

Inverse Universe

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



36, 47.133, 344.241



44, 65.130, 346.582



55, 44.870, 98.144



28, 4.272, 338.654



29, 55.110, 350.966



1, 2.861, 338.028

Previews

White Background



This preview shows how the CIELCh color 43, 26.219, 254.718 looks on a white background.

Color Contrast Check

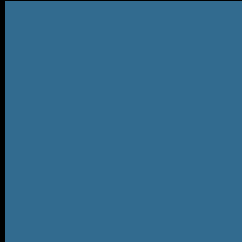
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.219, 254.718 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

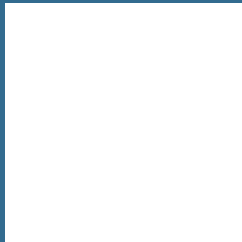
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 26.219, 254.718

Background



This preview shows how black text looks on a background with the CIELCh color 43, 26.219, 254.718.

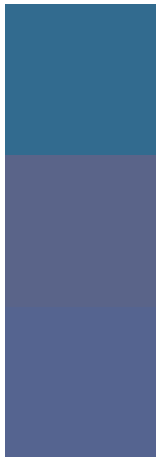


This preview shows how white text looks on a background with the CIELCh color 43, 26.219, 254.718.

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, 26.219, 254.718

Protanopia

43, 22.423, 284.490

Deuteranopia

43, 26.738, 283.302



Tritanopia
43, 22.544, 211.128

Trichromacy



Original Color
43, 26.219, 254.718

Protanomaly
43, 23.071, 269.975

Deuteranomaly
43, 26.019, 271.693

Tritanomaly
43, 22.290, 226.855

Monochromacy



Original Color
43, 26.219, 254.718

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 10.891, 245.525

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 26.219, 254.718 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(50, 107, 143)` looks like.

```
.text, #text, p{  
    color:rgb(50, 107, 143)  
}
```

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(50, 107, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 107, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 26.219, 254.718 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(50, 107, 143) }
```

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

```
.border{ border-color:rgb(50, 107, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 107, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 107, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 107, 143);  
box-shadow:4px 4px 4px 4px rgb(50, 107,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 26.219, 254.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 107, 143) }
```

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

```
.background{ background-color: rgb(50, 107,  
143) }
```

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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