

Converting Colors

CIELCh(44, 25.670, 269.048)

Have a look what the booklet for
CIELCh(44, 25.670, 269.048)
contains.

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Color

CIELCh(44, 25.670, 269.048)

Conversions

Conversions Part 1

Format	Color
Hex	486A92
RGB	72, 106, 146
RGB Percent	28%, 42%, 57%
CMY	0.7165, 0.5832, 0.4263
CMYK	0.51, 0.27, 0.00, 0.43
HSL	212°, 34%, 43%
HSV	212°, 51%, 57%
XYZ	13.0878, 13.8382, 29.2953
YIQ	100.3940, -33.1040, 5.2320

Conversions

Conversions Part 2

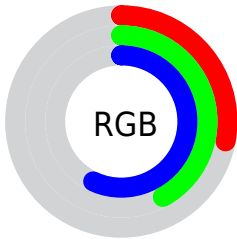
Format	Color
R_{YB}	72, 95, 146
Decimal	4745874
CIE _{Lab}	44.00, -0.43, -25.67
CIE _{LCh}	44, 25.670, 269.048
Yxy	13.8382, 0.2328, 0.2461
Android (android.graphics.Color)	4282935954 (0xFF486A92)
YUV	100.3940, 22.4838, -24.9015
Hunter-Lab	37.1997, -2.2986, -20.6518

Details

The CIELCh color $44, 25.670, 269.048$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $50, 28.512, 73.257$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 25.633, 269.276$, and $24, 25.573, 269.056$ is the 20% darker color. If you saturate the color by 10%, you get $41, 30.647, 271.959$, and if you desaturate by 10%, it is $47, 20.663, 266.554$.

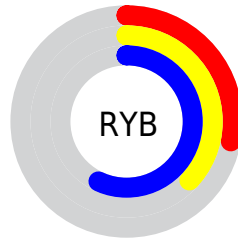
Distribution



 Red (28%)

 Green (42%)

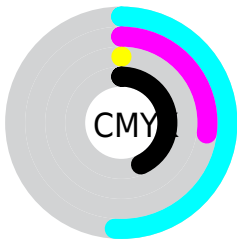
 Blue (57%)




 Red (28%)

 Yellow (37%)

 Blue (57%)

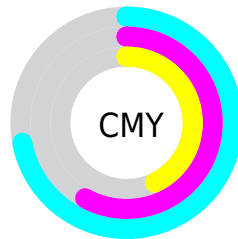


 Cyan (51%)

 Magenta (27%)

 Yellow (0%)

 Black (43%)



 Cyan (72%)

 Magenta (58%)

 Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 25.670, 269.048 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 44, 25.670, 269.048 by changing the saturation by 10% instead.


 44, 25.670,
269.048


 44, 25.670,
269.048


 100, 25.670,
269.048


 34, 25.670,
269.048

 64, 25.670,
269.048

 24, 25.670,
269.048

 74, 25.670,
269.048

 14, 25.670,
269.048

 84, 25.670,
269.048

 4, 25.670, 269.048

 94, 25.670,
269.048

 0, 25.670, 269.048

 44, 25.670,

 44, 25.670,

269.048

■ 41, 30.647,
271.959

■ 38, 35.622,
275.307

■ 35, 40.643,
279.070

■ 32, 45.765,
283.155

■ 30, 50.746,
286.960

269.048

■ 47, 20.663,
266.554

■ 50, 15.617,
264.434

■ 54, 10.535,
262.639

■ 57, 5.427, 261.129

■ 60, 0.305, 260.645

■ 64, 4.817, 78.591

■ 67, 9.927, 77.648

■ 71, 15.013, 76.812

■ 74, 20.066, 76.076

Harmonies

Complementary

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



44, 25.670, 269.048



50, 28.512, 73.257

Rectangle

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



44, 25.670, 269.048



44, 25.670, 319.048



44, 25.670, 89.048



44, 25.670, 139.048

Sweetspot

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



44, 25.669, 269.048



71, 9.562, 261.809



55, 33.540, 160.249



37, 6.573, 262.102



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



44, 25.669, 269.048



53, 38.376, 272.497



34, 46.138, 298.162



30, 2.923, 260.945



28, 48.285, 286.703



1, 2.561, 259.710

Inverse Universe

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



41, 35.686, 351.471



49, 52.346, 353.525



59, 40.299, 107.080



29, 3.960, 346.632



29, 53.427, 4.686



1, 3.422, 345.905

Previews

White Background



This preview shows how the CIELCh color 44, 25.670, 269.048 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 CIE LCh color 44, 25.670, 269.048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

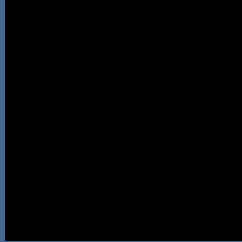
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

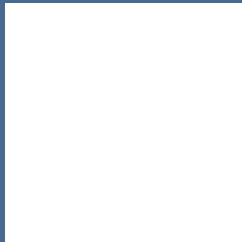
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 25.670, 269.048

Background



This preview shows how black text looks on a background with the CIELCh color 44, 25.670, 269.048.

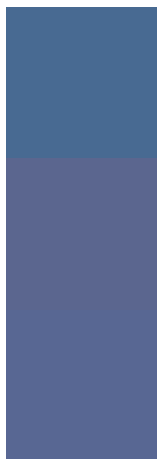


This preview shows how white text looks on a background with the CIELCh color 44, 25.670, 269.048.

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


44, 25.670, 269.048

Protanopia

44, 24.733, 284.966

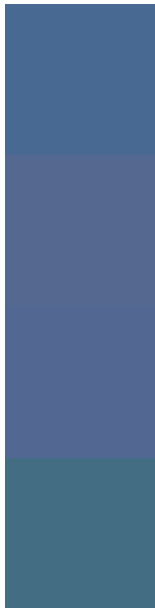
Deuteranopia

44, 26.611, 283.144



Tritanopia
44, 16.745, 216.698

Trichromacy



Original Color
44, 25.670, 269.048

Protanomaly
44, 24.567, 277.960

Deuteranomaly
44, 26.393, 278.161

Tritanomaly
44, 18.259, 242.252

Monochromacy



Original Color
44, 25.670, 269.048

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 9.447, 262.595

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 25.670, 269.048 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(72, 106, 146)` looks like.

```
.text, #text, p{  
    color:rgb(72, 106, 146)  
}
```

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(72, 106, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 106, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 25.670, 269.048 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(72, 106, 146) }
```

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

```
.border{ border-color:rgb(72, 106, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 106, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 106, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 106, 146);  
box-shadow:4px 4px 4px 4px rgb(72, 106,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 25.670, 269.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 106, 146) }
```

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

```
.background{ background-color: rgb(72, 106,  
146) }
```

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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