

Converting Colors

CIELCh(44, 27.402, 250.621)

Have a look what the booklet for
CIELCh(44, 27.402, 250.621)
contains.

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Color

CIELCh(44, 27.387, 250.773)

Conversions

Conversions Part 1

Format	Color
Hex	2B6E92
RGB	43, 110, 146
RGB Percent	17%, 43%, 57%
CMY	0.8330, 0.5669, 0.4257
CMYK	0.71, 0.25, 0.00, 0.43
HSL	201°, 55%, 37%
HSV	201°, 71%, 57%
XYZ	11.8242, 13.8382, 29.4268
YIQ	94.0710, -51.4880, -3.0080

Conversions

Conversions Part 2

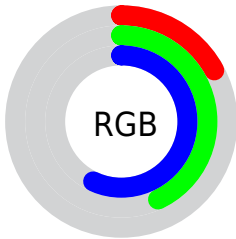
Format	Color
R_{YB}	43, 84, 146
Decimal	2846354
CIE _{Lab}	44.00, -9.02, -25.86
CIE _{LCh}	44, 27.387, 250.773
Yxy	13.8382, 0.2146, 0.2512
Android (android.graphics.Color)	4281036434 (0xFF2B6E92)
YUV	94.0710, 25.6010, -44.7893
Hunter-Lab	37.1997, -8.3621, -20.8614

Details

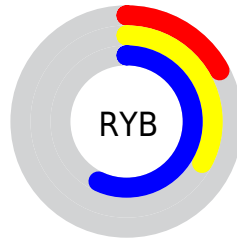
The CIELCh color **44, 27.387, 250.773** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **41, 41.814, 52.710**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 27.197, 250.112**, and **25, 24.397, 259.004** is the 20% darker color. If you saturate the color by 10%, you get **42, 30.064, 254.607**, and if you desaturate by 10%, it is **46, 24.412, 247.554**.

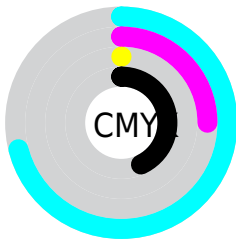
Distribution



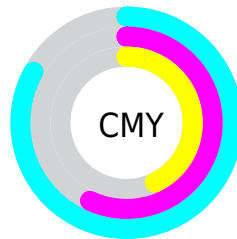
- Red (17%)
- Green (43%)
- Blue (57%)



- Red (17%)
- Yellow (33%)
- Blue (57%)



- Cyan (71%)
- Magenta (25%)
- Yellow (0%)
- Black (43%)



- Cyan (83%)
- Magenta (57%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 27.387, 250.773 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, 27.387, 250.773 by changing the saturation by 10% instead.

 44, 27.387,
250.773


 44, 27.387,
250.773

 100, 27.387,
250.773


 34, 27.387,
250.773

 64, 27.387,
250.773


 24, 27.387,
250.773

 74, 27.387,
250.773

 14, 27.387,
250.773

 84, 27.387,
250.773

 4, 27.387, 250.773

 94, 27.387,
250.773

 0, 27.387, 250.773

 44, 27.387,

 44, 27.387,

250.773

■ 42, 30.064,
254.607

■ 40, 32.519,
259.048

■ 39, 34.722,
263.283

250.773

■ 46, 24.412,
247.554

■ 48, 21.109,
244.899

■ 51, 17.483,
242.736

■ 53, 13.562,
240.984

■ 55, 9.384, 239.573

■ 58, 4.994, 238.455

■ 60, 0.434, 238.321

■ 63, 4.259, 56.590

■ 66, 9.049, 56.013

Harmonies

Complementary

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



44, 27.387, 250.773



41, 41.814, 52.710

Rectangle

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



44, 27.387, 250.773



44, 27.387, 300.773



44, 27.387, 70.773



44, 27.387, 120.773

Sweetspot

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



44, 27.386, 250.773



71, 11.695, 239.638



54, 53.329, 147.960



37, 7.936, 239.964



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, 27.386, 250.773



53, 38.382, 257.136



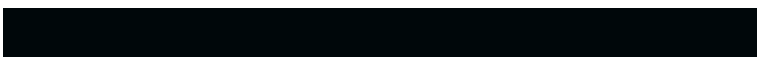
29, 55.183, 295.428



30, 2.611, 238.295



36, 33.085, 262.969



2, 2.319, 237.381

Inverse Universe

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



36, 52.282, 342.768



44, 70.443, 345.288



54, 47.335, 94.339



29, 4.526, 336.844



30, 57.029, 347.832



1, 3.927, 336.239

Previews

White Background



This preview shows how the CIELCh color 44, 27.387, 250.773 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, 27.387, 250.773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

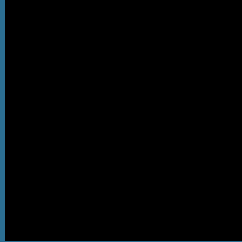
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 27.387, 250.773

Background



This preview shows how black text looks on a background with the CIELCh color 44, 27.387, 250.773.

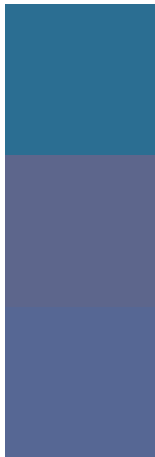


This preview shows how white text looks on a background with the CIELCh color 44, 27.387, 250.773.

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, 27.287, 251.054

Protanopia

44, 22.898, 285.580

Deuteranopia

44, 27.285, 282.227



Tritanopia
44, 25.011, 209.448

Trichromacy



Original Color
44, 27.287, 251.054

Protanomaly
44, 23.740, 269.276

Deuteranomaly
44, 26.378, 268.693

Tritanomaly
44, 24.509, 225.290

Monochromacy



Original Color
44, 27.287, 251.054

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 11.848, 240.637

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 27.387, 250.773 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(43, 110, 146)` looks like.

```
.text, #text, p{  
    color:rgb(43, 110, 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(43, 110, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 110, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 27.387, 250.773 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(43, 110, 146) }
```

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

```
.border{ border-color:rgb(43, 110, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 110, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 110, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 110, 146);  
box-shadow:4px 4px 4px 4px rgb(43, 110,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 27.387, 250.773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 110, 146) }
```

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

```
.background{ background-color: rgb(43, 110,  
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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