

Converting Colors

CIELCh(44, 23.873, 263.776)

Have a look what the booklet for
CIELCh(44, 23.873, 263.776)
contains.

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Color

CIELCh(44, 23.926, 264.024)

Conversions

Conversions Part 1

Format	Color
Hex	466B8F
RGB	70, 107, 143
RGB Percent	27%, 42%, 56%
CMY	0.7249, 0.5799, 0.4387
CMYK	0.51, 0.25, 0.00, 0.44
HSL	210°, 34%, 42%
HSV	210°, 51%, 56%
XYZ	12.7764, 13.8382, 28.0404
YIQ	100.0410, -33.6080, 3.3520

Conversions

Conversions Part 2

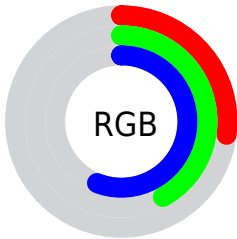
Format	Color
R_{YB}	70, 95, 143
Decimal	4615055
CIE _{Lab}	44.00, -2.49, -23.80
CIE _{LCh}	44, 23.926, 264.024
Yxy	13.8382, 0.2338, 0.2532
Android (android.graphics.Color)	4282805135 (0xFF466B8F)
YUV	100.0410, 21.1788, -26.3460
Hunter-Lab	37.1997, -3.7930, -18.6518

Details

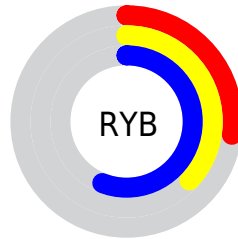
The CIELCh color **44, 23.926, 264.024** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **48, 27.808, 68.544**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 24.008, 264.639**, and **24, 23.637, 263.388** is the 20% darker color. If you saturate the color by 10%, you get **41, 28.344, 266.977**, and if you desaturate by 10%, it is **47, 19.410, 261.514**.

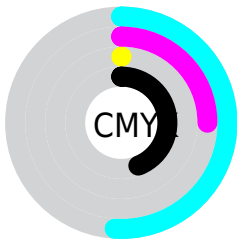
Distribution



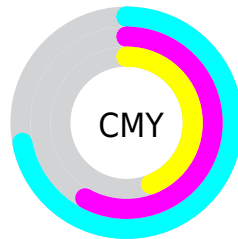
- Red (27%)
- Green (42%)
- Blue (56%)



- Red (27%)
- Yellow (37%)
- Blue (56%)



- Cyan (51%)
- Magenta (25%)
- Yellow (0%)
- Black (44%)



- Cyan (72%)
- Magenta (58%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 23.926, 264.024 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, 23.926, 264.024 by changing the saturation by 10% instead.


 44, 23.926,
264.024


 44, 23.926,
264.024


 100, 23.926,
264.024

 34, 23.926,
264.024

 64, 23.926,
264.024

 24, 23.926,
264.024

 74, 23.926,
264.024

 14, 23.926,
264.024

 84, 23.926,
264.024

 4, 23.926, 264.024

 94, 23.926,
264.024

 0, 23.926, 264.024

 44, 23.926,

 44, 23.926,

264.024

264.024

■ 41, 28.344,
266.977

■ 47, 19.410,
261.514

■ 38, 32.690,
270.404

■ 50, 14.796,
259.397

■ 36, 37.010,
274.292

■ 53, 10.093,
257.618

■ 33, 41.372,
278.561

■ 56, 5.317, 256.134

■ 31, 45.431,
282.384

■ 59, 0.489, 255.396

■ 62, 4.374, 73.641

■ 65, 9.254, 72.740

■ 69, 14.137, 71.941

■ 72, 19.009, 71.242

Harmonies

Complementary

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



44, 23.926, 264.024



48, 27.808, 68.544

Rectangle

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



44, 23.926, 264.024



44, 23.926, 314.024



44, 23.926, 84.024



44, 23.926, 134.024

Sweetspot

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



44, 23.925, 264.024



70, 8.965, 256.740



54, 34.652, 157.598



36, 6.158, 257.022



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



44, 23.925, 264.024



53, 35.079, 267.392



34, 44.910, 296.791



29, 2.728, 255.896



29, 43.350, 282.119



1, 1.851, 254.694

Inverse Universe

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



40, 36.178, 348.536



48, 52.313, 350.328



58, 39.308, 104.725



28, 3.969, 343.979



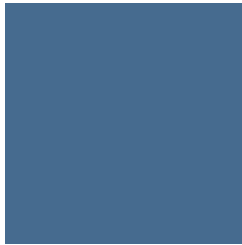
28, 53.067, 0.188



1, 2.652, 343.286

Previews

White Background



This preview shows how the CIELCh color 44, 23.926, 264.024 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, 23.926, 264.024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

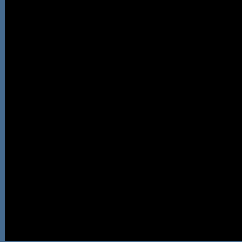
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

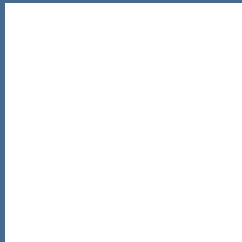
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 23.926, 264.024

Background



This preview shows how black text looks on a background with the CIELCh color 44, 23.926, 264.024.

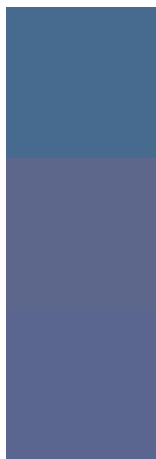


This preview shows how white text looks on a background with the CIELCh color 44, 23.926, 264.024.

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, 23.926, 264.024

Protanopia

44, 22.310, 285.259

Deuteranopia

44, 25.358, 284.562



Tritanopia
44, 17.003, 216.375

Trichromacy



Original Color
44, 23.926, 264.024

Protanomaly
44, 22.804, 277.061

Deuteranomaly
44, 24.637, 277.272

Tritanomaly
44, 17.739, 235.878

Monochromacy



Original Color
44, 23.926, 264.024

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 9.310, 256.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 23.926, 264.024 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(70, 107, 143)` looks like.

```
.text, #text, p{  
    color:rgb(70, 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(70, 107, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 107, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 23.926, 264.024 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(70, 107, 143) }
```

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

```
.border{ border-color:rgb(70, 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(70, 107, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 107, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 107, 143);  
box-shadow:4px 4px 4px 4px rgb(70, 107,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 23.926, 264.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 107, 143) }
```

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

```
.background{ background-color: rgb(70, 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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