

Converting Colors

CIELCh(44, 14.599, 237.462)

Have a look what the booklet for
CIELCh(44, 14.599, 237.462)
contains.

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Color

CIELCh(44, 14.607, 236.596)

Conversions

Conversions Part 1

Format	Color
Hex	4B6D7C
RGB	75, 109, 124
RGB Percent	29%, 43%, 49%
CMY	0.7066, 0.5732, 0.5144
CMYK	0.40, 0.12, 0.00, 0.51
HSL	198°, 25%, 39%
HSV	198°, 40%, 49%
XYZ	11.9636, 13.8382, 21.0485
YIQ	100.5440, -25.0790, -2.5430

Conversions

Conversions Part 2

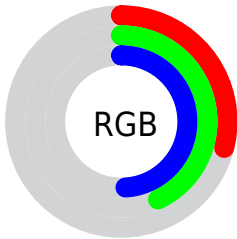
Format	Color
RYB	75, 95, 124
Decimal	4943228
CIELab	44.00, -8.04, -12.19
CIElCh	44, 14.607, 236.596
Yxy	13.8382, 0.2554, 0.2954
Android (android.graphics.Color)	4283133308 (0xFF4B6D7C)
YUV	100.5440, 11.5638, -22.4021
Hunter-Lab	37.1997, -7.6931, -7.5078

Details

The CIELCh color **44, 14.607, 236.596** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **41, 18.456, 50.074**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 14.744, 238.897**, and **24, 14.481, 234.647** is the 20% darker color. If you saturate the color by 10%, you get **42, 17.683, 238.412**, and if you desaturate by 10%, it is **46, 11.241, 235.141**.

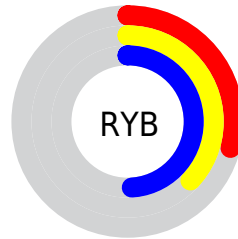
Distribution



Red (29%)

Green (43%)

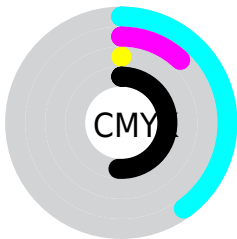
Blue (49%)



Red (29%)

Yellow (37%)

Blue (49%)

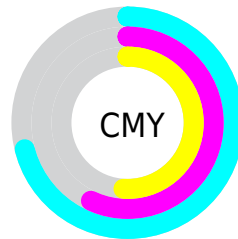


Cyan (40%)

Magenta (12%)

Yellow (0%)

Black (51%)



Cyan (71%)

Magenta (57%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 14.607, 236.596 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, 14.607, 236.596 by changing the saturation by 10% instead.


 44, 14.607,
236.596


 44, 14.607,
236.596


 100, 14.607,
236.596

 34, 14.607,
236.596

 64, 14.607,
236.596


 24, 14.607,
236.596

 74, 14.607,
236.596

 14, 14.607,
236.596


 84, 14.607,
236.596

 4, 14.607, 236.596

 94, 14.607,
236.596

 0, 14.607, 236.596

 44, 14.607,

 44, 14.607,

236.596

■ 42, 17.683,
238.412

■ 40, 20.436,
240.674

■ 39, 22.848,
243.459

■ 37, 24.928,
246.838

■ 36, 26.722,
250.846

■ 34, 28.415,
255.149

■ 34, 28.492,
255.324

236.596

■ 46, 11.241,
235.141

■ 48, 7.628, 233.991

■ 50, 3.810, 233.109

■ 52, 0.171, 50.212

■ 54, 4.280, 51.604

■ 56, 8.485, 51.174

■ 59, 12.760, 50.811

■ 61, 17.083, 50.517

■ 63, 21.437, 50.281

Harmonies

Complementary

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



44, 14.607, 236.596



41, 18.456, 50.074

Rectangle

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



44, 14.607, 236.596



44, 14.607, 286.596



44, 14.607, 56.596



44, 14.607, 106.596

Sweetspot

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



44, 14.607, 236.593



63, 5.880, 233.320



48, 28.132, 151.025



33, 3.922, 233.405



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



44, 14.607, 236.593



55, 20.857, 238.123



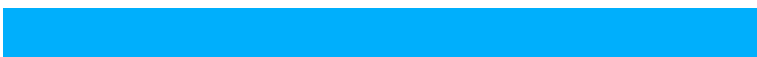
37, 24.362, 286.131



25, 2.224, 233.072



34, 28.691, 255.376



68, 49.549, 258.313

Inverse Universe

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



39, 28.336, 337.376



47, 41.236, 338.105



48, 23.234, 95.936



24, 3.978, 335.089



27, 54.558, 344.594



56, 90.924, 345.776

Previews

White Background



This preview shows how the CIE LCh color 44, 14.607, 236.596 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 44, 14.607, 236.596 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, 14.607, 236.596

Background



This preview shows how black text looks on a background with the CIELCh color 44, 14.607, 236.596.



This preview shows how white text looks on a background with the CIELCh color 44, 14.607, 236.596.

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, 14.607, 236.596

Protanopia

44, 10.208, 287.313

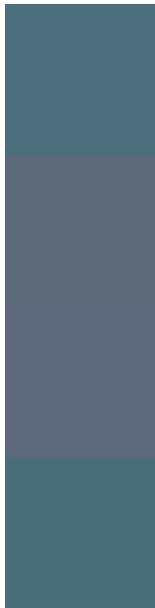
Deuteranopia

44, 14.457, 295.210



Tritanopia
44, 14.028, 220.838

Trichromacy



Original Color
44, 14.607, 236.596

Protanomaly
44, 10.772, 262.512

Deuteranomaly
44, 13.106, 273.931

Tritanomaly
44, 14.103, 226.205

Monochromacy



Original Color
44, 14.607, 236.596

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 5.854, 237.238

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 14.607, 236.596 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(75, 109, 124)` looks like.

```
.text, #text, p{  
    color:rgb(75, 109, 124)  
}
```

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(75, 109, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 109, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 14.607, 236.596 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(75, 109, 124) }
```

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

```
.border{ border-color:rgb(75, 109, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 109, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 109, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 109, 124);  
box-shadow:4px 4px 4px 4px rgb(75, 109,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 14.607, 236.596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 109, 124) }
```

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

```
.background{ background-color: rgb(75, 109,  
124) }
```

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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