

Converting Colors

CIELCh(44, 23.656, 287.682)

Have a look what the booklet for
CIELCh(44, 23.656, 287.682)
contains.

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Color

CIELCh(44, 23.425, 287.512)

Conversions

Conversions Part 1

Format	Color
Hex	5F668D
RGB	95, 102, 141
RGB Percent	37%, 40%, 55%
CMY	0.6277, 0.6003, 0.4474
CMYK	0.33, 0.28, 0.00, 0.45
HSL	231°, 20%, 46%
HSV	231°, 33%, 55%
XYZ	14.2578, 13.8382, 27.0884
YIQ	104.3530, -16.6910, 10.6450

Conversions

Conversions Part 2

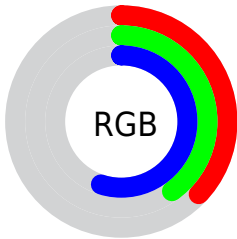
Format	Color
R_{YB}	95, 101, 141
Decimal	6252173
CIE Lab	44.00, 7.05, -22.34
CIE LCh	44, 23.425, 287.512
Yxy	13.8382, 0.2584, 0.2508
Android (android.graphics.Color)	4284442253 (0xFF5F668D)
YUV	104.3530, 18.0670, -8.2026
Hunter-Lab	37.1997, 3.3155, -17.1345

Details

The CIELCh color `44, 23.425, 287.512` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `56, 22.297, 99.587`, and the grayscale version is `44, 0.006, 296.813`.

A 20% lighter version of the original color is `64, 23.466, 287.691`, and `24, 23.930, 287.780` is the 20% darker color. If you saturate the color by 10%, you get `40, 31.136, 289.347`, and if you desaturate by 10%, it is `48, 15.980, 285.933`.

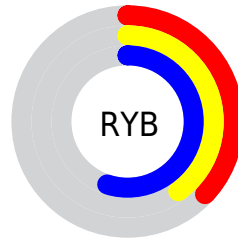
Distribution



Red (37%)

Green (40%)

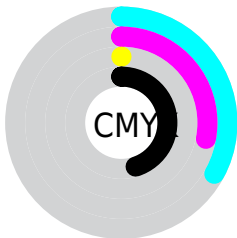
Blue (55%)



Red (37%)

Yellow (40%)

Blue (55%)

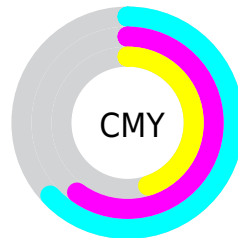


Cyan (33%)

Magenta (28%)

Yellow (0%)

Black (45%)



Cyan (63%)


Magenta (60%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 23.425, 287.512 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, 23.425, 287.512 by changing the saturation by 10% instead.


 44, 23.425,
287.512


 44, 23.425,
287.512


 100, 23.425,
287.512


 34, 23.425,
287.512

 64, 23.425,
287.512


 24, 23.425,
287.512

 74, 23.425,
287.512

 14, 23.425,
287.512

 84, 23.425,
287.512

 4, 23.425, 287.512

 94, 23.425,
287.512

 0, 23.425, 287.512

 44, 23.425,

 44, 23.425,

287.512

40, 31.136,
289.347

35, 39.135,
291.462

31, 47.416,
293.853

27, 55.913,
296.468

23, 64.404,
299.181

20, 72.398,
301.772

18, 77.574,
303.338

287.512

48, 15.980,
285.933

53, 8.781, 284.583

57, 1.810, 283.463

62, 4.950, 102.384

66, 11.512,
101.527

71, 17.887,
100.775

75, 24.086,
100.116

79, 30.116, 99.536

84, 35.987, 99.022

Harmonies

Complementary

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



44, 23.425, 287.512



56, 22.297, 99.587

Rectangle

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



44, 23.425, 287.512



44, 23.425, 337.512



44, 23.425, 107.512



44, 23.425, 157.512

Sweetspot

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



44, 23.424, 287.512



69, 8.592, 284.287



55, 17.419, 183.001



35, 5.852, 284.436



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



44, 23.424, 287.512



53, 35.169, 288.806



43, 28.314, 305.087



28, 3.946, 284.166



17, 75.022, 303.248



0, 2.631, 283.130

Inverse Universe

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



45, 20.131, 10.464



55, 30.319, 11.592



56, 26.637, 121.300



28, 3.307, 7.685



27, 59.001, 31.364



0, 2.179, 6.958

Previews

White Background



This preview shows how the CIELCh color 44, 23.425, 287.512 looks on a white background.

Color Contrast Check

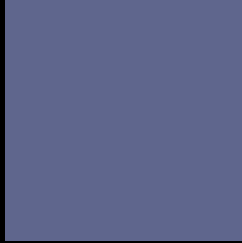
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.425, 287.512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

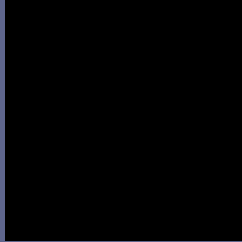
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 23.425, 287.512

Background



This preview shows how black text looks on a background with the CIELCh color 44, 23.425, 287.512.



This preview shows how white text looks on a background with the CIELCh color 44, 23.425, 287.512.

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

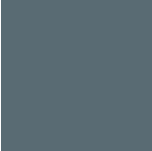
44, 23.425, 287.512

Protanopia

44, 22.898, 284.715

Deuteranopia

44, 23.486, 285.888



Tritanopia
44, 8.239, 234.512

Trichromacy



Original Color
44, 23.425, 287.512

Protanomaly
44, 22.861, 285.542

Deuteranomaly
44, 23.454, 286.696

Tritanomaly
44, 12.340, 267.067

Monochromacy



Original Color
44, 23.425, 287.512

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 8.419, 286.081

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 23.425, 287.512 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(95, 102, 141)` looks like.

```
.text, #text, p{  
    color:rgb(95, 102, 141)  
}
```

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(95, 102, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 102, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 23.425, 287.512 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(95, 102, 141) }
```

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

```
.border{ border-color:rgb(95, 102, 141) }
```

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

Here you see how a box with a 4 pixel rgb(95, 102, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 102, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 102, 141);  
box-shadow:4px 4px 4px 4px rgb(95, 102,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 23.425, 287.512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 102, 141) }
```

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

```
.background{ background-color: rgb(95, 102,  
141) }
```

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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