

Converting Colors

CIELCh(46, 23.224, 295.893)

Have a look what the booklet for
CIELCh(46, 23.224, 295.893)
contains.

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Color

CIELCh(46, 23.268, 295.914)

Conversions

Conversions Part 1

Format	Color
Hex	6C6990
RGB	108, 105, 144
RGB Percent	42%, 41%, 56%
CMY	0.5770, 0.5887, 0.4358
CMYK	0.25, 0.27, 0.00, 0.44
HSL	245°, 16%, 49%
HSV	245°, 27%, 56%
XYZ	16.2328, 15.2687, 28.4261
YIQ	110.3430, -10.7310, 12.7650

Conversions

Conversions Part 2

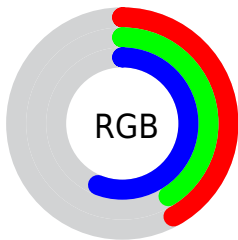
Format	Color
R _Y B	108, 105, 144
Decimal	7104912
CIE Lab	46.00, 10.17, -20.93
CIE LCh	46, 23.268, 295.914
Yxy	15.2687, 0.2709, 0.2548
Android (android.graphics.Color)	4285294992 (0xFF6C6990)
YUV	110.3430, 16.5929, -2.0548
Hunter-Lab	39.0751, 5.7721, -15.7793

Details

The CIELCh color $46, 23.268, 295.914$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $59, 21.866, 110.964$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 23.392, 295.934$, and $26, 22.960, 295.543$ is the 20% darker color. If you saturate the color by 10%, you get $41, 32.501, 297.223$, and if you desaturate by 10%, it is $51, 14.393, 294.781$.

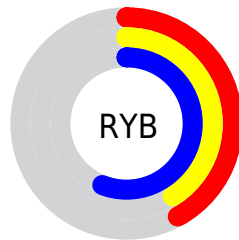
Distribution



Red (42%)

Green (41%)

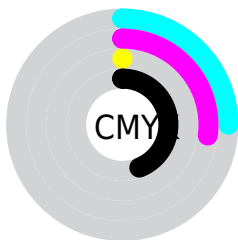
Blue (56%)



Red (42%)

Yellow (41%)

Blue (56%)

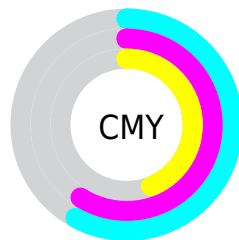


Cyan (25%)

Magenta (27%)

Yellow (0%)

Black (44%)



Cyan (58%)

Magenta (59%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 23.268, 295.914 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 46, 23.268, 295.914 by changing the saturation by 10% instead.


 46, 23.268,
295.914


 46, 23.268,
295.914


 100, 23.268,
295.914


 36, 23.268,
295.914

 66, 23.268,
295.914


 26, 23.268,
295.914

 76, 23.268,
295.914

 16, 23.268,
295.914

 86, 23.268,
295.914

 6, 23.268, 295.914

 96, 23.268,
295.914

 0, 23.268, 295.914

 46, 23.268,

 46, 23.268,

295.914

41, 32.501,
297.223

36, 42.086,
298.717

31, 51.949,
300.376

26, 61.874,
302.134

22, 71.362,
303.848

19, 79.482,
305.282

17, 85.325,
306.270

16, 86.938,
306.594

295.914

51, 14.393,
294.781

56, 5.865, 293.810

61, 2.338, 112.959

66, 10.238,
112.253

71, 17.857,
111.640

76, 25.213,
111.112

81, 32.324,
110.657

86, 39.206,
110.262

■ 91, 45.874,
109.920

Harmonies

Complementary

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



46, 23.268, 295.914



59, 21.866, 110.964

Rectangle

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



46, 23.268, 295.914



46, 23.268, 345.914



46, 23.268, 115.914



46, 23.268, 165.914

Sweetspot

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



46, 23.267, 295.913



71, 8.168, 293.906



56, 13.145, 204.731



36, 5.865, 294.034



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



46, 23.267, 295.913



55, 35.425, 296.754



48, 24.555, 312.543



28, 4.652, 293.999



15, 83.044, 306.617



0, 3.092, 293.199

Inverse Universe

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



49, 25.818, 328.080



60, 38.691, 328.447



57, 23.811, 130.177



28, 5.322, 327.063



31, 67.989, 331.457



1, 3.574, 326.579

Previews

White Background



This preview shows how the CIELCh color 46, 23.268, 295.914 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 46, 23.268, 295.914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

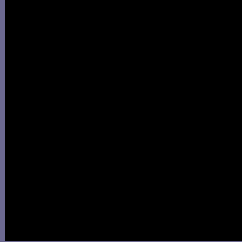
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 23.268, 295.914

Background



This preview shows how black text looks on a background with the CIELCh color 46, 23.268, 295.914.



This preview shows how white text looks on a background with the CIELCh color 46, 23.268, 295.914.

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

46, 23.268, 295.914

Protanopia

46, 22.718, 284.525

Deuteranopia

46, 21.451, 287.451



Tritanopia
46, 5.427, 260.625

Trichromacy



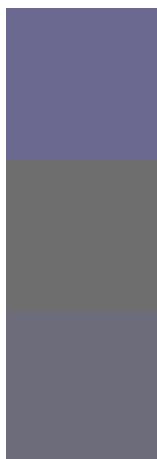
Original Color
46, 23.268, 295.914

Protanomaly
46, 22.604, 288.801

Deuteranomaly
46, 22.014, 291.316

Tritanomaly
46, 11.332, 285.986

Monochromacy



Original Color
46, 23.268, 295.914

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 8.342, 293.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 23.268, 295.914 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(108, 105, 144)` looks like.

```
.text, #text, p{  
    color:rgb(108, 105, 144)  
}
```

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(108, 105, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 105, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 23.268, 295.914 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(108, 105, 144) }
```

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

```
.border{ border-color:rgb(108, 105, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 105, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 105, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 105, 144);  
box-shadow:4px 4px 4px 4px rgb(108, 105,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 23.268, 295.914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 105, 144) }
```

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

```
.background{ background-color: rgb(108,  
105, 144) }
```

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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