

Converting Colors

CIELCh(44, 24.542, 292.602)

Have a look what the booklet for
CIELCh(44, 24.542, 292.602)
contains.

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Color

CIELCh(44, 24.575, 291.963)

Conversions

Conversions Part 1

Format	Color
Hex	63658E
RGB	99, 101, 142
RGB Percent	39%, 40%, 56%
CMY	0.6128, 0.6049, 0.4442
CMYK	0.30, 0.29, 0.00, 0.44
HSL	237°, 18%, 47%
HSV	237°, 30%, 56%
XYZ	14.6056, 13.8382, 27.3816
YIQ	105.0760, -14.3530, 12.3270

Conversions

Conversions Part 2

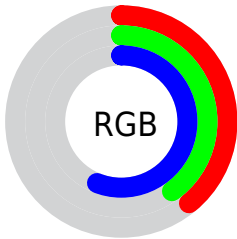
Format	Color
R_{YB}	99, 101, 142
Decimal	6514062
CIE _{Lab}	44.00, 9.19, -22.79
CIE _{LCh}	44, 24.575, 291.963
Yxy	13.8382, 0.2616, 0.2479
Android (android.graphics.Color)	4284704142 (0xFF63658E)
YUV	105.0760, 18.2035, -5.3287
Hunter-Lab	37.1997, 4.9841, -17.6017

Details

The CIELCh color $44, 24.575, 291.963$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $57, 23.040, 105.280$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 24.552, 291.962$, and $24, 25.179, 292.185$ is the 20% darker color. If you saturate the color by 10%, you get $39, 33.337, 293.621$, and if you desaturate by 10%, it is $49, 16.155, 290.540$.

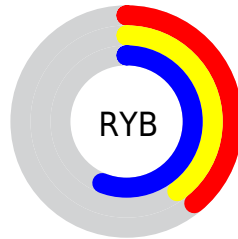
Distribution



Red (39%)

Green (40%)

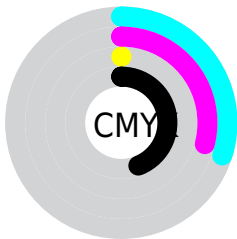
Blue (56%)



Red (39%)

Yellow (40%)

Blue (56%)

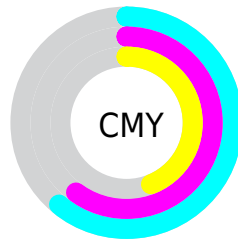


Cyan (30%)

Magenta (29%)

Yellow (0%)

Black (44%)



Cyan (61%)

Magenta (60%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 24.575, 291.963 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, 24.575, 291.963 by changing the saturation by 10% instead.

 44, 24.575,
291.963


 44, 24.575,
291.963


 100, 24.575,
291.963

 34, 24.575,
291.963

 64, 24.575,
291.963


 24, 24.575,
291.963

 74, 24.575,
291.963

 14, 24.575,
291.963

 84, 24.575,
291.963

 4, 24.575, 291.963

 94, 24.575,
291.963

 0, 24.575, 291.963

 44, 24.575,

 44, 24.575,

291.963

■ 39, 33.337,
293.621

■ 34, 42.450,
295.528

■ 30, 51.864,
297.666

■ 25, 61.394,
299.958

■ 21, 70.572,
302.230

■ 18, 78.494,
304.211

■ 16, 84.040,
305.517

291.963

■ 49, 16.155,
290.540

■ 54, 8.059, 289.327

■ 59, 0.262, 288.526

■ 64, 7.259, 107.383

■ 68, 14.523,
106.624

■ 73, 21.547,
105.966

■ 78, 28.347,
105.396

■ 83, 34.936,
104.900

■ 87, 41.327,

Harmonies

Complementary

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



44, 24.575, 291.963



57, 23.040, 105.280

Rectangle

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



44, 24.575, 291.963



44, 24.575, 341.963



44, 24.575, 111.963



44, 24.575, 161.963

Sweetspot

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



44, 24.574, 291.963



69, 8.654, 289.201



56, 15.553, 193.347



35, 6.006, 289.344



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, 24.574, 291.963



53, 36.492, 292.999



45, 26.729, 308.834



28, 4.422, 289.201



15, 81.064, 305.473



0, 2.941, 288.249

Inverse Universe

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



46, 18.655, 18.269



56, 27.908, 19.146



56, 25.531, 125.887



28, 3.249, 16.105



27, 62.657, 36.930



0, 2.128, 15.525

Previews

White Background



This preview shows how the CIELCh color 44, 24.575, 291.963 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, 24.575, 291.963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

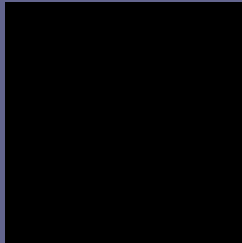
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 24.575, 291.963

Background



This preview shows how black text looks on a background with the CIELCh color 44, 24.575, 291.963.



This preview shows how white text looks on a background with the CIELCh color 44, 24.575, 291.963.

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

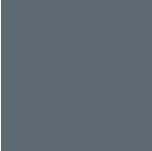
44, 24.575, 291.963

Protanopia

44, 24.109, 284.594

Deuteranopia

44, 22.898, 284.715



Tritanopia
44, 6.844, 243.630

Trichromacy



Original Color
44, 24.575, 291.963

Protanomaly
44, 24.633, 287.232

Deuteranomaly
44, 23.425, 287.512

Tritanomaly
44, 12.352, 276.134

Monochromacy



Original Color
44, 24.575, 291.963

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 8.995, 291.458

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 24.575, 291.963 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(99, 101, 142)` looks like.

```
.text, #text, p{  
    color:rgb(99, 101, 142)  
}
```

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(99, 101, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 101, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 24.575, 291.963 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(99, 101, 142) }
```

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

```
.border{ border-color:rgb(99, 101, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 101, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 101, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 101, 142);  
box-shadow:4px 4px 4px 4px rgb(99, 101,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 24.575, 291.963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 101, 142) }
```

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

```
.background{ background-color: rgb(99, 101,  
142) }
```

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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