

Converting Colors

CIELCh(44, 23.851, 322.677)

Have a look what the booklet for
CIELCh(44, 23.851, 322.677)
contains.

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Color

CIELCh(44, 23.467, 322.423)

Conversions

Conversions Part 1

Format	Color
Hex	7C5E80
RGB	124, 94, 128
RGB Percent	49%, 37%, 50%
CMY	0.5139, 0.6315, 0.4982
CMYK	0.03, 0.27, 0.00, 0.50
HSL	293°, 15%, 44%
HSV	293°, 27%, 50%
XYZ	16.1994, 13.8382, 22.2256
YIQ	106.8460, 6.9660, 16.9340

Conversions

Conversions Part 2

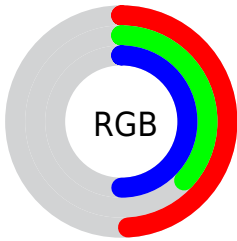
Format	Color
R_{YB}	124, 94, 128
Decimal	8150656
CIE _{Lab}	44.00, 18.60, -14.31
CIE _{LCh}	44, 23.467, 322.423
Yxy	13.8382, 0.3100, 0.2648
Android (android.graphics.Color)	4286340736 (0xFF7C5E80)
YUV	106.8460, 10.4289, 15.0441
Hunter-Lab	37.1997, 12.6318, -9.3840

Details

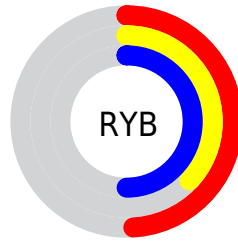
The CIELCh color $44, 23.467, 322.423$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $50, 23.314, 139.764$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 23.323, 322.336$, and $24, 23.953, 322.711$ is the 20% darker color. If you saturate the color by 10%, you get $41, 32.261, 322.864$, and if you desaturate by 10%, it is $48, 14.581, 321.962$.

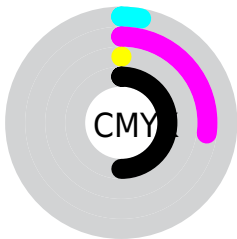
Distribution



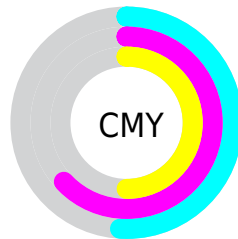
- Red (49%)
- Green (37%)
- Blue (50%)



- Red (49%)
- Yellow (37%)
- Blue (50%)



- Cyan (3%)
- Magenta (27%)
- Yellow (0%)
- Black (50%)





- Cyan (51%)
- Magenta (63%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 23.467, 322.423 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, 23.467, 322.423 by changing the saturation by 10% instead.

 44, 23.467,
322.423


 44, 23.467,
322.423


 100, 23.467,
322.423


 34, 23.467,
322.423

 64, 23.467,
322.423


 24, 23.467,
322.423

 74, 23.467,
322.423

 14, 23.467,
322.423

 84, 23.467,
322.423

 4, 23.467, 322.423

 94, 23.467,
322.423

 0, 23.467, 322.423

 44, 23.467,

 44, 23.467,

322.423

41, 32.261,
322.864

37, 40.772,
323.268

35, 48.740,
323.612

32, 55.843,
323.869

30, 61.730,
324.012

28, 66.095,
324.013

27, 68.953,
323.874

27, 69.874,
323.826

322.423

48, 14.581,
321.962

51, 5.742, 321.485

55, 2.962, 141.117


59, 11.477,
140.639

62, 19.772,
140.216

66, 27.833,
139.821

70, 35.656,
139.451

74, 43.245,
139.108

 78, 50.608,
138.791

Harmonies

Complementary

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



44, 23.467, 322.423



50, 23.314, 139.764

Rectangle

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



44, 23.467, 322.423



44, 23.467, 12.423



44, 23.467, 142.423



44, 23.467, 192.423

Sweetspot

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



44, 23.465, 322.423



64, 8.652, 321.565



42, 17.818, 287.443



33, 6.203, 321.629



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



44, 23.465, 322.423



54, 34.921, 322.698



44, 18.829, 339.081



25, 4.922, 321.609



27, 69.693, 323.827



0, 0.000, 0.000

Inverse Universe

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



43, 14.848, 12.269



53, 22.468, 13.086



51, 18.546, 155.017



25, 2.983, 10.389



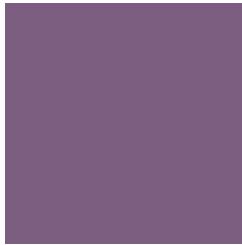
26, 57.635, 33.240



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 44, 23.467, 322.423 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, 23.467, 322.423 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, 23.467, 322.423

Background



This preview shows how black text looks on a background with the CIELCh color 44, 23.467, 322.423.



This preview shows how white text looks on a background with the CIELCh color 44, 23.467, 322.423.

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, 23.467, 322.423

Protanopia

44, 18.669, 285.079

Deuteranopia

44, 14.413, 293.701



Tritanopia
44, 10.736, 354.503

Trichromacy



Original Color
44, 23.467, 322.423

Protanomaly
44, 19.391, 299.405

Deuteranomaly
44, 17.498, 307.627

Tritanomaly
44, 14.393, 336.497

Monochromacy



Original Color
44, 23.467, 322.423

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 8.989, 320.650

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 23.467, 322.423 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(124, 94, 128)` looks like.

```
.text, #text, p{  
    color:rgb(124, 94, 128)  
}
```

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(124, 94, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 94, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 23.467, 322.423 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(124, 94, 128) }
```

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

```
.border{ border-color:rgb(124, 94, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 94, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 94, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 94, 128);  
box-shadow:4px 4px 4px 4px rgb(124, 94,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 23.467, 322.423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 94, 128) }
```

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

```
.background{ background-color: rgb(124, 94,  
128) }
```

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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