

Converting Colors

CIELCh(45, 23.250, 327.483)

Have a look what the booklet for
CIELCh(45, 23.250, 327.483)
contains.

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Color

CIELCh(45, 23.219, 327.473)

Conversions

Conversions Part 1

Format	Color
Hex	826080
RGB	130, 96, 128
RGB Percent	51%, 38%, 50%
CMY	0.4920, 0.6252, 0.4998
CMYK	0.00, 0.26, 0.02, 0.49
HSL	304°, 15%, 44%
HSV	304°, 26%, 51%
XYZ	17.1443, 14.5417, 22.1680
YIQ	109.8140, 9.9920, 17.1600

Conversions

Conversions Part 2

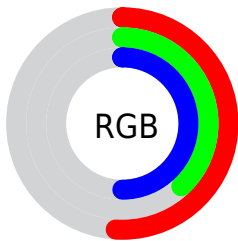
Format	Color
R_{YB}	130, 96, 128
Decimal	8544384
CIE _{Lab}	45.00, 19.58, -12.48
CIE _{LCh}	45, 23.219, 327.473
Yxy	14.5417, 0.3183, 0.2700
Android (android.graphics.Color)	4286734464 (0xFF826080)
YUV	109.8140, 8.9657, 17.7031
Hunter-Lab	38.1336, 13.5172, -7.7732

Details

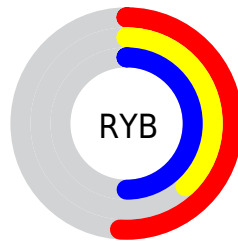
The CIELCh color $45, 23.219, 327.473$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $51, 23.199, 144.335$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 23.138, 327.053$, and $25, 23.362, 327.245$ is the 20% darker color. If you saturate the color by 10%, you get $42, 31.930, 328.012$, and if you desaturate by 10%, it is $48, 14.346, 326.923$.

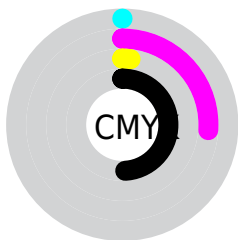
Distribution



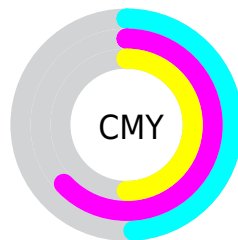
- Red (51%)
- Green (38%)
- Blue (50%)



- Red (51%)
- Yellow (38%)
- Blue (50%)



- Cyan (0%)
- Magenta (26%)
- Yellow (2%)
- Black (49%)





- Cyan (49%)
- Magenta (63%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 23.219, 327.473 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 45, 23.219, 327.473 by changing the saturation by 10% instead.


 45, 23.219,
327.473


 45, 23.219,
327.473


 100, 23.219,
327.473

 35, 23.219,
327.473

 65, 23.219,
327.473


 25, 23.219,
327.473


 75, 23.219,
327.473

 15, 23.219,
327.473

 85, 23.219,
327.473

 5, 23.219, 327.473

 95, 23.219,
327.473

 0, 23.219, 327.473

 45, 23.219,

 45, 23.219,

327.473

42, 31.930,
328.012

39, 40.264,
328.532

36, 47.937,
329.020

34, 54.626,
329.468

32, 60.003,
329.869

31, 63.814,
330.218

30, 66.101,
330.526

30, 66.869,
330.637

327.473

48, 14.346,
326.923

52, 5.478, 326.356

56, 3.280, 145.917

59, 11.857,
145.353

63, 20.212,
144.844

67, 28.327,
144.362

71, 36.194,
143.905

74, 43.816,
143.474

■ 78, 51.201,
143.068

Harmonies

Complementary

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



45, 23.219, 327.473



51, 23.199, 144.335

Rectangle

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



45, 23.219, 327.473



45, 23.219, 17.473



45, 23.219, 147.473



45, 23.219, 197.473

Sweetspot

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



45, 23.217, 327.473



65, 8.726, 326.471



42, 20.600, 294.859



33, 6.177, 326.546



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



45, 23.217, 327.473



56, 33.936, 327.771



44, 16.705, 348.836



25, 4.902, 326.522



29, 66.113, 330.633



0, 0.000, 0.000

Inverse Universe

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



45, 23.217, 327.473



56, 33.936, 327.771



51, 16.053, 164.094



25, 4.902, 326.522



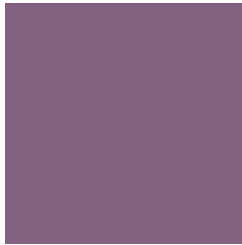
29, 66.113, 330.633



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 45, 23.219, 327.473 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 45, 23.219, 327.473 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 45, 23.219, 327.473

Background



This preview shows how black text looks on a background with the CIELCh color 45, 23.219, 327.473.



This preview shows how white text looks on a background with the CIELCh color 45, 23.219, 327.473.

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


45, 23.219, 327.473

Protanopia

45, 17.368, 285.395

Deuteranopia

45, 13.267, 298.597



Tritanopia
45, 12.655, 359.130

Trichromacy



Original Color
45, 23.219, 327.473

Protanomaly
45, 18.319, 303.215

Deuteranomaly
45, 16.658, 312.564

Tritanomaly
45, 15.529, 343.822

Monochromacy



Original Color
45, 23.219, 327.473

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 8.671, 324.960

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 23.219, 327.473 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(130, 96, 128)` looks like.

```
.text, #text, p{  
    color:rgb(130, 96, 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(130, 96, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 96, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 23.219, 327.473 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(130, 96, 128) }
```

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

```
.border{ border-color:rgb(130, 96, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 96, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 96, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 96, 128);  
box-shadow:4px 4px 4px 4px rgb(130, 96,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 23.219, 327.473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 96, 128) }
```

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

```
.background{ background-color: rgb(130, 96,  
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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