

Converting Colors

CIELCh(45, 42.146, 326.293)

Have a look what the booklet for
CIELCh(45, 42.146, 326.293)
contains.

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Color

CIELCh(45, 41.824, 326.124)

Conversions

Conversions Part 1

Format	Color
Hex	915592
RGB	145, 85, 146
RGB Percent	57%, 33%, 57%
CMY	0.4321, 0.6673, 0.4282
CMYK	0.01, 0.42, 0.00, 0.43
HSL	299°, 26%, 45%
HSV	299°, 42%, 57%
XYZ	20.0525, 14.5417, 28.8687
YIQ	109.8940, 16.1790, 31.6910

Conversions

Conversions Part 2

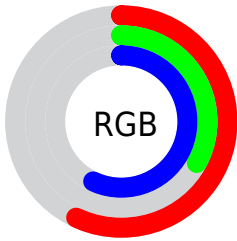
Format	Color
R_{YB}	145, 85, 146
Decimal	9524626
CIE _{Lab}	45.00, 34.72, -23.31
CIE _{LCh}	45, 41.824, 326.124
Yxy	14.5417, 0.3160, 0.2291
Android (android.graphics.Color)	4287714706 (0xFF915592)
YUV	109.8940, 17.8003, 30.7880
Hunter-Lab	38.1336, 27.1303, -18.1915

Details

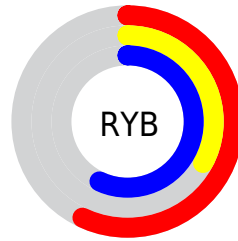
The CIELCh color $[45, 41.824, 326.124]$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $[55, 41.862, 140.982]$, and the grayscale version is $[46, 0.006, 296.813]$.

A 20% lighter version of the original color is $[65, 41.906, 326.162]$, and $[25, 41.998, 326.311]$ is the 20% darker color. If you saturate the color by 10%, you get $[42, 50.946, 326.561]$, and if you desaturate by 10%, it is $[48, 32.091, 325.643]$.

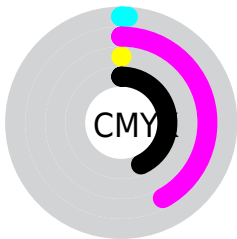
Distribution



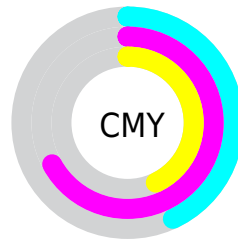
- Red (57%)
- Green (33%)
- Blue (57%)



- Red (57%)
- Yellow (33%)
- Blue (57%)



- Cyan (1%)
- Magenta (42%)
- Yellow (0%)
- Black (43%)





- Cyan (43%)
- Magenta (67%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 41.824, 326.124 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, 41.824, 326.124 by changing the saturation by 10% instead.


 45, 41.824,
326.124


 45, 41.824,
326.124


 100, 41.824,
326.124


 35, 41.824,
326.124

 65, 41.824,
326.124


 25, 41.824,
326.124

 75, 41.824,
326.124

 15, 41.824,
326.124

 85, 41.824,
326.124

 5, 41.824, 326.124

 95, 41.824,
326.124

 0, 41.824, 326.124

 45, 41.824,

 45, 41.824,

326.124

42, 50.946,
326.561

39, 59.109,
326.937

37, 65.938,
327.235

35, 71.106,
327.442

34, 74.437,
327.552

34, 76.251,
327.595

326.124

48, 32.091,
325.643

52, 22.044,
325.132

56, 11.905,
324.604

60, 1.829, 323.990

64, 8.077, 143.613

68, 17.750,
143.102

72, 27.155,
142.621

76, 36.274,
142.167

■ 80, 45.105,
141.738

Harmonies

Complementary

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



45, 41.824, 326.124



55, 41.862, 140.982

Rectangle

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



45, 41.824, 326.124



45, 41.824, 16.124



45, 41.824, 146.124



45, 41.824, 196.124

Sweetspot

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



45, 41.822, 326.124



70, 16.162, 324.682



39, 36.707, 295.063



36, 11.283, 324.788



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



45, 41.822, 326.124



54, 60.761, 326.528



44, 30.568, 346.745



29, 5.745, 324.463



32, 73.138, 327.598



1, 4.997, 324.002

Inverse Universe

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



43, 27.450, 22.208



51, 41.568, 23.883



56, 29.265, 158.762



29, 3.342, 18.559



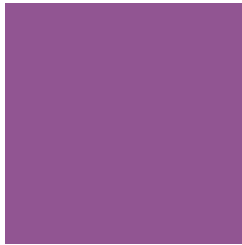
28, 64.586, 38.279



1, 2.830, 18.035

Previews

White Background



This preview shows how the CIELCh color 45, 41.824, 326.124 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, 41.824, 326.124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

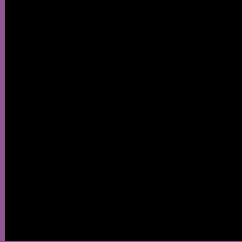
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 41.824, 326.124

Background



This preview shows how black text looks on a background with the CIELCh color 45, 41.824, 326.124.



This preview shows how white text looks on a background with the CIELCh color 45, 41.824, 326.124.

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, 41.824, 326.124

Protanopia
45, 34.151, 285.425

Deuteranopia
45, 22.135, 286.883



Tritanopia
45, 19.275, 9.792

Trichromacy



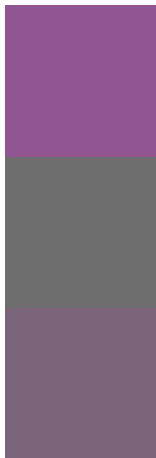
Original Color
45, 41.824, 326.124

Protanomaly
45, 34.929, 300.275

Deuteranomaly
45, 27.717, 306.492

Tritanomaly
45, 25.623, 344.688

Monochromacy



Original Color
45, 41.824, 326.124

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 15.780, 325.367

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 41.824, 326.124 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(145, 85, 146)` looks like.

```
.text, #text, p{  
    color:rgb(145, 85, 146)  
}
```

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(145, 85, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 85, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 41.824, 326.124 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(145, 85, 146) }
```

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

```
.border{ border-color:rgb(145, 85, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 85, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 85, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 85, 146);  
box-shadow:4px 4px 4px 4px rgb(145, 85,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 41.824, 326.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 85, 146) }
```

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

```
.background{ background-color: rgb(145, 85,  
146) }
```

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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