

Converting Colors

CIELCh(44, 49.714, 329.377)

Have a look what the booklet for
CIELCh(44, 49.714, 329.377)
contains.

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Color

CIELCh(44, 49.740, 329.393)

Conversions

Conversions Part 1

Format	Color
Hex	994B93
RGB	153, 75, 147
RGB Percent	60%, 29%, 58%
CMY	0.4011, 0.7069, 0.4246
CMYK	0.00, 0.51, 0.04, 0.40
HSL	305°, 34%, 45%
HSV	305°, 51%, 60%
XYZ	20.8253, 13.8382, 29.0634
YIQ	106.5300, 23.3760, 38.9280

Conversions

Conversions Part 2

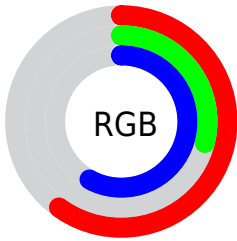
Format	Color
R_{YB}	153, 75, 147
Decimal	10046355
CIE _{Lab}	44.00, 42.81, -25.32
CIE _{LCh}	44, 49.740, 329.393
Yxy	13.8382, 0.3268, 0.2171
Android (android.graphics.Color)	4288236435 (0xFF994B93)
YUV	106.5300, 19.9517, 40.7542
Hunter-Lab	37.1997, 34.8291, -20.2823

Details

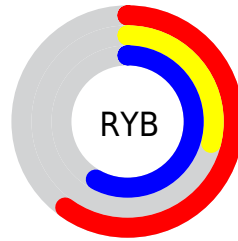
The CIELCh color $44, 49.740, 329.393$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $57, 50.052, 142.375$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 49.552, 329.476$, and $24, 49.586, 329.576$ is the 20% darker color. If you saturate the color by 10%, you get $41, 57.826, 329.894$, and if you desaturate by 10%, it is $47, 40.685, 328.862$.

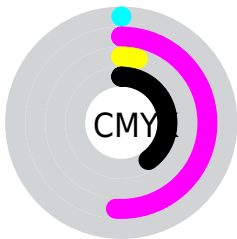
Distribution



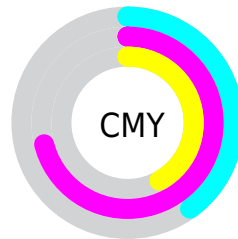
- Red (60%)
- Green (29%)
- Blue (58%)



- Red (60%)
- Yellow (29%)
- Blue (58%)



- Cyan (0%)
- Magenta (51%)
- Yellow (4%)
- Black (40%)




- Cyan (40%)
- Magenta (71%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 49.740, 329.393 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, 49.740, 329.393 by changing the saturation by 10% instead.

 44, 49.740,
329.393

 44, 49.740,
329.393


 100, 49.740,
329.393

 34, 49.740,
329.393

 64, 49.740,
329.393


 24, 49.740,
329.393

 74, 49.740,
329.393

 14, 49.740,
329.393

 84, 49.740,
329.393

 4, 49.740, 329.393

 94, 49.740,
329.393

 0, 49.740, 329.393

 44, 49.740,

 44, 49.740,

329.393

■ 41, 57.826,
329.894

■ 39, 64.555,
330.356

■ 37, 69.575,
330.779

■ 36, 72.683,
331.166

■ 35, 74.275,
331.494

329.393

■ 47, 40.685,
328.862

■ 51, 31.029,
328.310

■ 55, 21.068,
327.746

■ 59, 11.025,
327.174

■ 63, 1.055, 326.426

■ 67, 8.740, 146.125

■ 71, 18.300,
145.590

■ 75, 27.591,
145.086

■ 80, 36.602,
144.608

Harmonies

Complementary

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



44, 49.740, 329.393



57, 50.052, 142.375

Rectangle

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



44, 49.740, 329.393



44, 49.740, 19.393



44, 49.740, 149.393



44, 49.740, 199.393

Sweetspot

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



44, 49.738, 329.393



73, 18.582, 327.417



36, 48.287, 299.136



37, 12.653, 327.527



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



44, 49.738, 329.393



53, 71.357, 329.949



43, 36.843, 353.272



30, 5.636, 327.068



32, 69.830, 331.467



1, 6.022, 326.836

Inverse Universe

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



44, 49.738, 329.393



53, 71.357, 329.949



58, 34.022, 162.019



30, 5.636, 327.068



32, 69.830, 331.467



1, 6.022, 326.836

Previews

White Background



This preview shows how the CIELCh color 44, 49.740, 329.393 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, 49.740, 329.393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

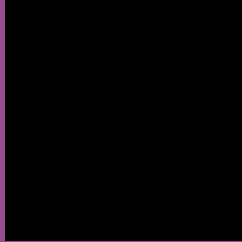
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 49.740, 329.393

Background



This preview shows how black text looks on a background with the CIELCh color 44, 49.740, 329.393.

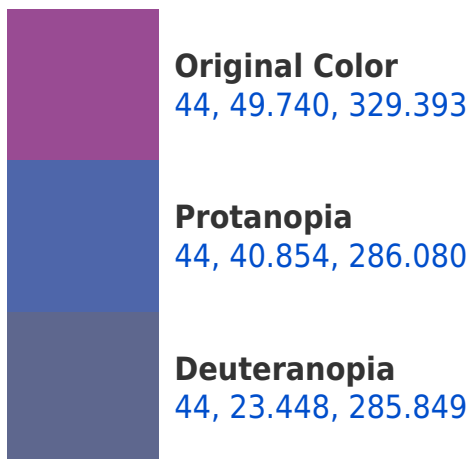


This preview shows how white text looks on a background with the CIELCh color 44, 49.740, 329.393.

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





Tritanopia
44, 26.091, 14.270

Trichromacy



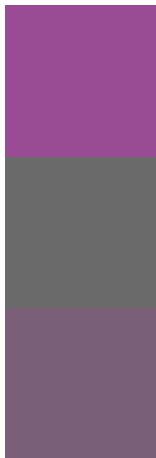
Original Color
44, 49.740, 329.393

Protanomaly
43, 42.357, 301.402

Deuteranomaly
43, 31.743, 308.520

Tritanomaly
44, 31.496, 350.346

Monochromacy



Original Color
44, 49.740, 329.393

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 19.149, 327.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 49.740, 329.393 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(153, 75, 147)` looks like.

```
.text, #text, p{  
    color:rgb(153, 75, 147)  
}
```

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(153, 75, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 75, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 49.740, 329.393 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(153, 75, 147) }
```

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

```
.border{ border-color:rgb(153, 75, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 75, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 75, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 75, 147);  
box-shadow:4px 4px 4px 4px rgb(153, 75,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 49.740, 329.393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 75, 147) }
```

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

```
.background{ background-color: rgb(153, 75,  
147) }
```

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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