

Converting Colors

CIELCh(24, 50.374, 330.517)

Have a look what the booklet for
CIELCh(24, 50.374, 330.517)
contains.

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Color

CIELCh(24, 50.401, 330.505)

Conversions

Conversions Part 1

Format	Color
Hex	65145F
RGB	101, 20, 95
RGB Percent	40%, 8%, 37%
CMY	0.6037, 0.9213, 0.6272
CMYK	0.00, 0.80, 0.06, 0.60
HSL	304°, 67%, 24%
HSV	304°, 80%, 40%
XYZ	7.6930, 4.1002, 11.2255
YIQ	52.7690, 24.2010, 40.4970

Conversions

Conversions Part 2

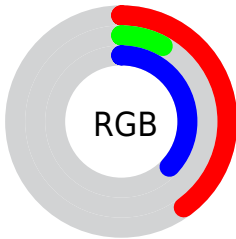
Format	Color
R_{YB}	101, 20, 95
Decimal	6624351
CIE _{Lab}	24.00, 43.87, -24.81
CIE _{LCh}	24, 50.401, 330.505
Yxy	4.1002, 0.3342, 0.1781
Android (android.graphics.Color)	4284814431 (0xFF65145F)
YUV	52.7690, 20.8199, 42.2986
Hunter-Lab	20.2490, 32.3798, -18.6945

Details

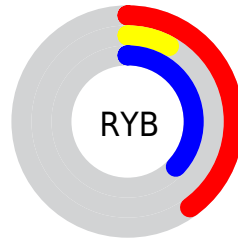
The CIELCh color **24, 50.401, 330.505** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **37, 52.179, 139.119**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **44, 50.795, 330.607**, and **8, 35.691, 330.310** is the 20% darker color. If you saturate the color by 10%, you get **23, 53.236, 330.882**, and if you desaturate by 10%, it is **25, 46.297, 330.091**.

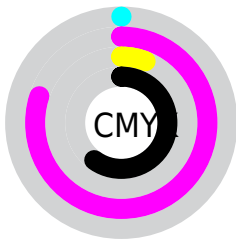
Distribution



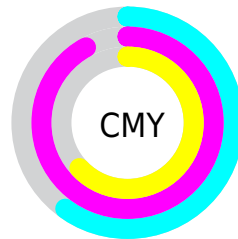
- Red (40%)
- Green (8%)
- Blue (37%)



- Red (40%)
- Yellow (8%)
- Blue (37%)



- Cyan (0%)
- Magenta (80%)
- Yellow (6%)
- Black (60%)




- Cyan (60%)
- Magenta (92%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 50.401, 330.505 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 24, 50.401, 330.505 by changing the saturation by 10% instead.

 24, 50.401,
330.505

 24, 50.401,
330.505

 100, 50.401,
330.505

 14, 50.401,
330.505

 44, 50.401,
330.505


 4, 50.401, 330.505

 54, 50.401,
330.505

 0, 50.401, 330.505

 64, 50.401,
330.505

 74, 50.401,
330.505

 84, 50.401,
330.505

 94, 50.401,

330.505

■ 24, 50.401,
330.505

■ 24, 50.401,
330.505

■ 23, 53.236,
330.882

■ 25, 46.297,
330.091

■ 22, 55.456,
331.232

■ 27, 41.109,
329.638

■ 29, 35.083,
329.151

■ 32, 28.474,
328.638

■ 34, 21.511,
328.107

■ 37, 14.377,
327.566

■ 40, 7.208, 327.018

■ 43, 0.100, 324.832

■ 46, 6.883, 146.019

Harmonies

Complementary

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



24, 50.401, 330.505



37, 52.179, 139.119

Rectangle

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



24, 50.401, 330.505



24, 50.401, 20.505



24, 50.401, 150.505



24, 50.401, 200.505

Sweetspot

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



24, 50.399, 330.505



47, 21.433, 327.815



14, 55.538, 303.730



22, 14.603, 327.952



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



24, 50.399, 330.505



31, 66.426, 331.188



22, 38.218, 358.974



20, 4.020, 326.950



26, 60.624, 331.280



56, 104.778, 331.481

Inverse Universe

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



24, 50.399, 330.505



31, 66.426, 331.188



38, 35.270, 157.872



20, 4.020, 326.950



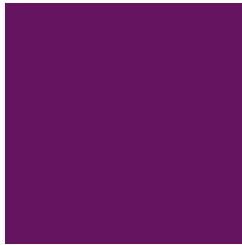
26, 60.624, 331.280



56, 104.778, 331.481

Previews

White Background



This preview shows how the CIE LCh color 24, 50.401, 330.505 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 24, 50.401, 330.505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

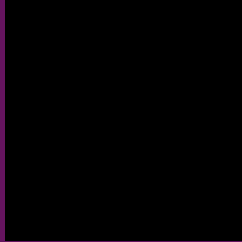
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 50.401, 330.505

Background



This preview shows how black text looks on a background with the CIELCh color 24, 50.401, 330.505.



This preview shows how white text looks on a background with the CIELCh color 24, 50.401, 330.505.

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
24, 50.401, 330.505

Protanopia
25, 42.443, 285.034

Deuteranopia
25, 20.800, 280.094



Tritanopia
24, 27.301, 21.943

Trichromacy



Original Color
24, 50.401, 330.505

Protanomaly
21, 45.360, 297.068

Deuteranomaly
23, 32.095, 309.158

Tritanomaly
24, 32.830, 353.626

Monochromacy



Original Color
24, 50.401, 330.505

Achromatopsia
22, 0.004, 296.813

Achromatomaly
21, 21.774, 328.434

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 50.401, 330.505 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(101, 20, 95)` looks like.

```
.text, #text, p{  
    color:rgb(101, 20, 95)  
}
```

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(101, 20, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 20, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 50.401, 330.505 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(101, 20, 95) }
```

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

```
.border{ border-color:rgb(101, 20, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 20, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 20, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 20, 95);  
box-shadow:4px 4px 4px 4px rgb(101, 20,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 24, 50.401, 330.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 20, 95) }
```

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

```
.background{ background-color: rgb(101, 20,  
95) }
```

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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