

Converting Colors

CIELCh(24, 47.986, 332.591)

Have a look what the booklet for
CIELCh(24, 47.986, 332.591)
contains.

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Color

CIELCh(24, 47.936, 332.466)

Conversions

Conversions Part 1

Format	Color
Hex	65165B
RGB	101, 22, 91
RGB Percent	40%, 9%, 36%
CMY	0.6038, 0.9135, 0.6430
CMYK	0.00, 0.78, 0.10, 0.60
HSL	308°, 64%, 24%
HSV	308°, 78%, 40%
XYZ	7.5485, 4.1002, 10.2988
YIQ	53.4870, 24.9350, 38.2070

Conversions

Conversions Part 2

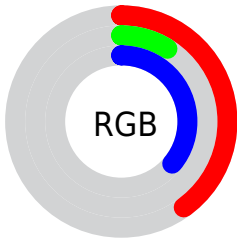
Format	Color
R_{YB}	101, 22, 91
Decimal	6624859
CIE _{Lab}	24.00, 42.51, -22.16
CIE _{LCh}	24, 47.936, 332.466
Yxy	4.1002, 0.3439, 0.1868
Android (android.graphics.Color)	4284814939 (0xFF65165B)
YUV	53.4870, 18.4939, 41.6689
Hunter-Lab	20.2490, 31.1064, -15.9810

Details

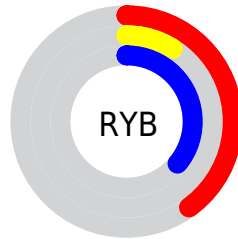
The CIELCh color $24, 47.936, 332.466$ is a dark color, and the websafe version is hex 660066 . A complement of this color would be $37, 49.707, 140.653$, and the grayscale version is $22, 0.004, 296.813$.

A 20% lighter version of the original color is $44, 47.402, 332.495$, and $8, 34.328, 332.625$ is the 20% darker color. If you saturate the color by 10%, you get $23, 50.858, 333.012$, and if you desaturate by 10%, it is $26, 43.779, 331.920$.

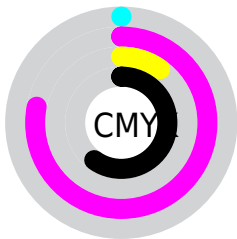
Distribution



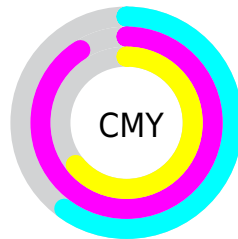
- Red (40%)
- Green (9%)
- Blue (36%)



- Red (40%)
- Yellow (9%)
- Blue (36%)



- Cyan (0%)
- Magenta (78%)
- Yellow (10%)
- Black (60%)



- Cyan (60%)
- Magenta (91%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 24, 47.936, 332.466 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, 47.936, 332.466 by changing the saturation by 10% instead.

 24, 47.936,
332.466

 24, 47.936,
332.466

 100, 47.936,
332.466

 14, 47.936,
332.466

 44, 47.936,
332.466

 4, 47.936, 332.466

 54, 47.936,
332.466

 0, 47.936, 332.466

 64, 47.936,
332.466

 74, 47.936,
332.466

 84, 47.936,
332.466

 94, 47.936,

332.466

■ 24, 47.936,
332.466

■ 24, 47.936,
332.466

■ 23, 50.858,
333.012

■ 26, 43.779,
331.920

■ 22, 52.944,
333.555

■ 27, 38.598,
331.367

■ 22, 53.336,
333.650

■ 30, 32.648,
330.803

■ 32, 26.180,
330.233

■ 35, 19.410,
329.660

■ 37, 12.510,
329.088

■ 40, 5.602, 328.512

■ 43, 1.230, 148.142

■ 46, 7.930, 147.494

Harmonies

Complementary

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



24, 47.936, 332.466



37, 49.707, 140.653

Rectangle

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



24, 47.936, 332.466



24, 47.936, 22.466



24, 47.936, 152.466



24, 47.936, 202.466

Sweetspot

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



24, 47.934, 332.466



47, 19.810, 329.403



14, 54.008, 304.172



22, 13.601, 329.553



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, 47.934, 332.466



30, 63.537, 333.492



22, 37.207, 2.344



20, 3.876, 328.556



25, 58.283, 333.742



56, 100.496, 334.126

Inverse Universe

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



24, 47.934, 332.466



30, 63.537, 333.492



38, 32.954, 161.246



20, 3.876, 328.556



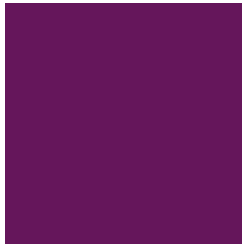
25, 58.283, 333.742



56, 100.496, 334.126

Previews

White Background



This preview shows how the CIELCh color 24, 47.936, 332.466 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, 47.936, 332.466 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, 47.936, 332.466

Background



This preview shows how black text looks on a background with the CIELCh color 24, 47.936, 332.466.



This preview shows how white text looks on a background with the CIELCh color 24, 47.936, 332.466.

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, 47.936, 332.466

Protanopia

25, 42.443, 285.034

Deuteranopia

25, 18.727, 281.875



Tritanopia
24, 27.858, 22.247

Trichromacy



Original Color
24, 47.936, 332.466

Protanomaly
21, 44.104, 296.792

Deuteranomaly
23, 29.768, 311.706

Tritanomaly
24, 32.277, 356.878

Monochromacy



Original Color
24, 47.936, 332.466

Achromatopsia
23, 0.004, 296.813

Achromatomaly
22, 20.737, 330.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 47.936, 332.466 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, 22, 91)` looks like.

```
.text, #text, p{  
    color:rgb(101, 22, 91)  
}
```

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, 22, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 22, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 47.936, 332.466 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, 22, 91) }
```

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

```
.border{ border-color:rgb(101, 22, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 22, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 22, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 22, 91);  
box-shadow:4px 4px 4px 4px rgb(101, 22,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 24, 47.936, 332.466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 22, 91) }
```

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

```
.background{ background-color: rgb(101, 22,  
91) }
```

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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