

Converting Colors

CIELCh(25, 54.829, 294.724)

Have a look what the booklet for
CIELCh(25, 54.829, 294.724)
contains.

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Color

CIELCh(25, 54.699, 294.674)

Conversions

Conversions Part 1

Format	Color
Hex	193488
RGB	25, 52, 136
RGB Percent	10%, 20%, 53%
CMY	0.9033, 0.7967, 0.4675
CMYK	0.82, 0.62, 0.00, 0.47
HSL	225°, 69%, 31%
HSV	225°, 82%, 53%
XYZ	6.0428, 4.4155, 23.7515
YIQ	53.5030, -43.0560, 20.4000

Conversions

Conversions Part 2

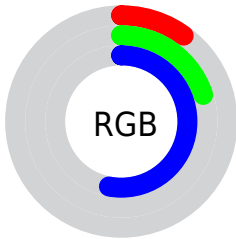
Format	Color
R_{YB}	25, 47, 136
Decimal	1651848
CIE _{Lab}	25.00, 22.83, -49.70
CIE _{LCh}	25, 54.699, 294.674
Yxy	4.4155, 0.1766, 0.1291
Android (android.graphics.Color)	4279841928 (0xFF193488)
YUV	53.5030, 40.6710, -24.9971
Hunter-Lab	21.0130, 14.5592, -52.3075




Details

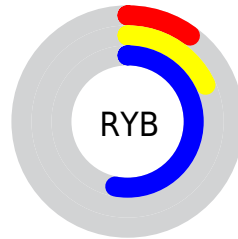
The CIELCh color **25, 54.699, 294.674** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **47, 47.308, 87.323**, and the grayscale version is **22, 0.004, 296.813**.




A 20% lighter version of the original color is **45, 54.644, 294.688**, and **8, 52.839, 302.569** is the 20% darker color. If you saturate the color by 10%, you get **22, 62.065, 297.775**, and if you desaturate by 10%, it is **28, 47.328, 291.633**.

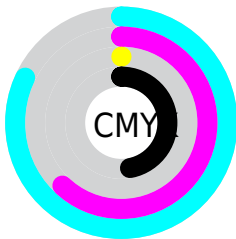
Distribution







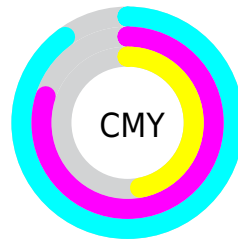
-  Red (10%)
-  Green (20%)
-  Blue (53%)






-  Red (10%)
-  Yellow (18%)
-  Blue (53%)



-  Cyan (82%)
-  Magenta (62%)
-  Yellow (0%)
-  Black (47%)





-  Cyan (90%)
-  Magenta (80%)
-  Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 54.699, 294.674 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 25, 54.699, 294.674 by changing the saturation by 10% instead.

 25, 54.699,
294.674


 25, 54.699,
294.674

 100, 54.699,
294.674


 15, 54.699,
294.674


 45, 54.699,
294.674

 5, 54.699, 294.674

 55, 54.699,
294.674

 0, 54.699, 294.674

 65, 54.699,
294.674

 75, 54.699,
294.674

 85, 54.699,
294.674

 95, 54.699,

294.674

■ 25, 54.699,
294.674

■ 25, 54.699,
294.674

■ 22, 62.065,
297.775

■ 28, 47.328,
291.633

■ 20, 67.872,
300.054

■ 32, 40.124,
288.803

■ 36, 33.139,
286.267

■ 40, 26.372,
284.045

■ 44, 19.802,
282.122

■ 48, 13.411,
280.469

■ 52, 7.183, 279.053

■ 56, 1.106, 277.930

■ 60, 4.827, 96.714

Harmonies

Complementary

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



25, 54.699, 294.674



47, 47.308, 87.323

Rectangle

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



25, 54.699, 294.674



25, 54.699, 344.674



25, 54.699, 114.674



25, 54.699, 164.674

Sweetspot

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



25, 54.699, 294.675



60, 19.060, 281.053



50, 37.231, 169.899



29, 13.157, 281.560



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



25, 54.699, 294.675



27, 82.139, 300.196



21, 70.846, 307.085



27, 3.454, 278.713



19, 66.561, 299.982



0, 1.587, 277.602

Inverse Universe

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



30, 48.796, 15.919



37, 67.405, 24.716



53, 57.262, 116.211



27, 3.314, 0.694



27, 54.956, 24.212



0, 1.507, 359.920

Previews

White Background



This preview shows how the CIE LCh color 25, 54.699, 294.674 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 CIELCh color 25, 54.699, 294.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

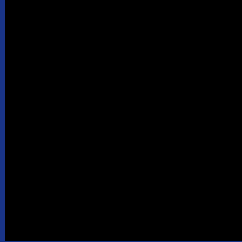
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 54.699, 294.674

Background



This preview shows how black text looks on a background with the CIELCh color 25, 54.699, 294.674.



This preview shows how white text looks on a background with the CIELCh color 25, 54.699, 294.674.

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

25, 54.699, 294.674

Protanopia

25, 42.443, 285.034

Deuteranopia

25, 29.992, 271.224



Tritanopia
25, 18.457, 204.901

Trichromacy



Original Color
25, 54.699, 294.674

Protanomaly
25, 46.739, 289.016

Deuteranomaly
25, 38.619, 283.100

Tritanomaly
24, 24.338, 263.260

Monochromacy



Original Color
25, 54.699, 294.674

Achromatopsia
22, 0.004, 296.813

Achromatomaly
23, 20.210, 284.479

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 54.699, 294.674 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(25, 52, 136)` looks like.

```
.text, #text, p{  
    color:rgb(25, 52, 136)  
}
```

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(25, 52, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 52, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 54.699, 294.674 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(25, 52, 136) }
```

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

```
.border{ border-color:rgb(25, 52, 136) }
```

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

Here you see how a box with a 4 pixel rgb(25, 52, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 52, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 52, 136);  
box-shadow:4px 4px 4px 4px rgb(25, 52,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 25, 54.699, 294.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 52, 136) }
```

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

```
.background{ background-color: rgb(25, 52,  
136) }
```

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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