

Converting Colors

CIELCh(69, 25.627, 135.769)

Have a look what the booklet for
CIELCh(69, 25.627, 135.769)
contains.

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Color

CIELCh(69, 25.944, 135.813)

Conversions

Conversions Part 1

Format	Color
Hex	92B187
RGB	146, 177, 135
RGB Percent	57%, 69%, 53%
CMY	0.4272, 0.3056, 0.4703
CMYK	0.18, 0.00, 0.24, 0.31
HSL	104°, 21%, 61%
HSV	104°, 24%, 69%
XYZ	31.9835, 39.3444, 28.8577
YIQ	162.9430, -4.9940, -19.6340

Conversions

Conversions Part 2

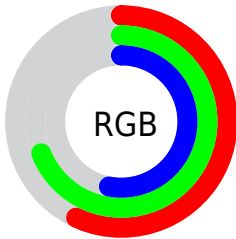
Format	Color
RYB	135, 177, 166
Decimal	9613703
CIELab	69.00, -18.60, 18.08
CIELCh	69, 25.944, 135.813
Yxy	39.3444, 0.3192, 0.3927
Android (android.graphics.Color)	4287803783 (0xFF92B187)
YUV	162.9430, -13.7759, -14.8590
Hunter-Lab	62.7251, -18.7519, 16.6302

Details

The CIELCh color $69, 25.944, 135.813$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $60, 26.336, 317.931$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 26.354, 135.883$, and $49, 25.737, 135.601$ is the 20% darker color. If you saturate the color by 10%, you get $68, 36.828, 135.255$, and if you desaturate by 10%, it is $70, 14.976, 136.329$.

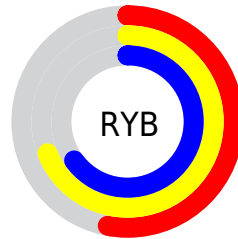
Distribution



Red (57%)

Green (69%)

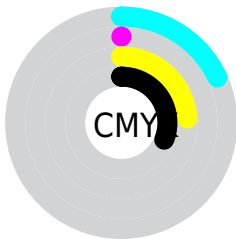
Blue (53%)



Red (53%)

Yellow (69%)

Blue (65%)

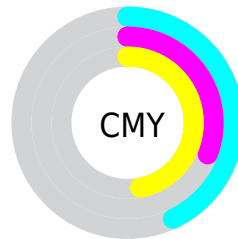


Cyan (18%)

Magenta (0%)

Yellow (24%)

Black (31%)



Cyan (43%)


Magenta (31%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 25.944, 135.813 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 69, 25.944, 135.813 by changing the saturation by 10% instead.


 69, 25.944,
135.813


 69, 25.944,
135.813


 100, 25.944,
135.813


 59, 25.944,
135.813


 89, 25.944,
135.813

 49, 25.944,
135.813

 99, 25.944,
135.813

 39, 25.944,
135.813

 29, 25.944,
135.813

 19, 25.944,
135.813

 9, 25.944, 135.813

 0, 25.944, 135.813

69, 25.944,
135.813

69, 25.944,
135.813

68, 36.828,
135.255

70, 14.976,
136.329

67, 47.461,
134.666

72, 4.037, 136.816

73, 6.789, 317.148

66, 57.622,
134.083

75, 17.442,
317.513

65, 67.007,
133.567

77, 27.882,
317.818

64, 75.222,
133.214

78, 38.086,
318.080

64, 81.804,
133.147


80, 46.177,
319.446

64, 86.363,
133.476

81, 48.065,
324.496

63, 88.438,

133.764

 82, 48.766,
326.110

Harmonies

Complementary

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



69, 25.944, 135.813



60, 26.336, 317.931

Rectangle

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



69, 25.944, 135.813



69, 25.944, 185.813



69, 25.944, 315.813



69, 25.944, 5.813

Sweetspot

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



69, 25.946, 135.814



90, 9.403, 136.646



68, 17.465, 93.227



48, 6.105, 136.619



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 25.946, 135.814



87, 37.805, 135.553



69, 23.895, 150.000



37, 6.209, 136.541



55, 79.269, 133.628



7, 15.272, 138.746

Inverse Universe

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



60, 26.336, 317.931



74, 38.484, 318.137



61, 24.029, 333.255



35, 6.253, 317.301



29, 81.175, 318.721



2, 14.626, 313.846

Previews

White Background



This preview shows how the CIELCh color 69, 25.944, 135.813 looks on a white 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

Black Background



This preview shows how the CIELCh color 69, 25.944, 135.813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

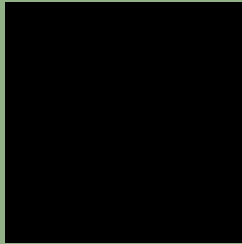
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 25.944, 135.813

Background



This preview shows how black text looks on a background with the CIELCh color 69, 25.944, 135.813.



This preview shows how white text looks on a background with the CIELCh color 69, 25.944, 135.813.

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
69, 25.944, 135.813

Protanopia
69, 20.677, 95.432

Deuteranopia
69, 19.003, 61.356



Tritanopia
69, 9.227, 249.971

Trichromacy



Original Color
69, 25.944, 135.813

Protanomaly
69, 21.264, 112.384

Deuteranomaly
69, 16.892, 94.537

Tritanomaly
69, 9.074, 173.593

Monochromacy



Original Color
69, 25.944, 135.813

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 9.302, 136.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 25.944, 135.813 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(146, 177, 135)` looks like.

```
.text, #text, p{  
    color:rgb(146, 177, 135)  
}
```

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(146, 177, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 177, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 25.944, 135.813 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(146, 177, 135) }
```

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

```
.border{ border-color:rgb(146, 177, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 177, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 177, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 177, 135);  
box-shadow:4px 4px 4px 4px rgb(146, 177,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 25.944, 135.813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 177, 135) }
```

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

```
.background{ background-color: rgb(146,  
177, 135) }
```

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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