

Clash Royale Character Viewer

A beautiful, interactive web application to browse and explore Clash Royale characters with their stats and descriptions.



Features

- **Interactive Character Display** - View characters with smooth navigation
- **Detailed Stats** - See hitpoints, damage, speed, and elixir cost for each character
- **Rarity System** - Characters are categorized by rarity (Common, Rare, Epic, Legendary)
- **Quick Selection Grid** - Click any character card to instantly view their details
- **Responsive Design** - Works seamlessly on desktop and mobile devices
- **Modern UI** - Glassmorphism design with smooth animations and transitions

Characters Included

- **Gold Knight** (Legendary)
- **Archer** (Common)
- **Mega Knight** (Legendary)
- **P.E.K.K.A** (Epic)
- **Hog Rider** (Rare)
- **Baby Dragon** (Epic)
- **Musketeer** (Rare)
- **Giant** (Rare)

Getting Started

Prerequisites

- A modern web browser (Chrome, Firefox, Safari, Edge)
- Basic knowledge of HTML/CSS/JavaScript (for customization)

Installation

1. Clone the repository:

```
git clone https://github.com/yourusername/clash-royale-viewer.git
```

2. Navigate to the project directory:

```
cd clash-royale-viewer
```

3. Create an images folder and add character images:

```
images/
├── gold knight.png
├── archer.png
├── mk.png
├── pekka.png
├── hog.png
├── baby dragon.png
├── muskter.png
└── giant.png
```

4. Open index.html in your web browser

Project Structure

```
clash-royale-viewer/
|
├── index.html      # Main HTML structure
├── styles.css      # Styling and animations
├── script.js       # Character data and functionality
└── README.md       # Project documentation
|
└── images/          # Character images folder
    ├── gold knight.png
    ├── archer.png
    └── ...
```

Customization

Adding New Characters

Edit the characters array in script.js:

```
{  
  name: "Character Name",  
  image: "images/character.png",  
  rarity: "LEGENDARY", // COMMON, RARE, EPIC, or LEGENDARY  
  hp: 1000,  
  damage: 200,  
  speed: "Medium",  
  elixir: 4,  
  description: "Character description here."  
}
```

Changing Colors

Modify the gradient backgrounds in styles.css:

```
body {  
  background: linear-gradient(135deg, #2b0f0f, #6b7d1f);  
}
```

Technologies Used

- **HTML5** - Structure and content
- **CSS3** - Styling, animations, and glassmorphism effects
- **JavaScript (ES6+)** - Interactivity and dynamic content
- **No external libraries** - Pure vanilla JavaScript

Responsive Design

The application automatically adapts to different screen sizes:

- **Desktop**: Two-column layout with character display and info panel
- **Mobile/Tablet**: Single-column stacked layout for better readability

Future Enhancements

- [] Add search functionality
- [] Include more characters
- [] Add filtering by rarity
- [] Implement comparison mode
- [] Add sound effects
- [] Include character evolution paths
- [] Add dark/light theme toggle

Contributing

Contributions are welcome! Please feel free to submit a Pull Request.

1. Fork the project
2. Create your feature branch (git checkout -b feature/AmazingFeature)
3. Commit your changes (git commit -m 'Add some AmazingFeature')
4. Push to the branch (git push origin feature/AmazingFeature)
5. Open a Pull Request

License

This project is licensed under the MIT License - see the [LICENSE](#) file for details.

Acknowledgments

- Clash Royale game by Supercell
- Character images and stats from Clash Royale
- Inspired by the Clash Royale community

Contact

Your Name - Ranna

Project Link: <https://github.com/rannatxt/Clash-Royale-Character-Viewer/blob/main/README.md#clash-royale-character-viewer>

 If you like this project, please give it a star on GitHub!